

蛋白質體學研究工具

- Protein Extraction | Purification | Quantification
- Western Blot (WB) | Immunoprecipitation (IP)




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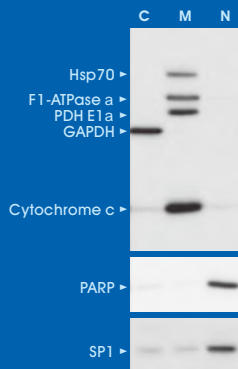
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蛋白質萃取試劑

Category	Product	Pack Size	Cat. No.
Protein Extraction Kits	Cell Fractionation Kit - Standard 	1 kit	ab109719
	Nuclear Extraction Kit	100 tests	ab113474
	Mitochondria/Cytosol Fractionation Kit	25, 100 tests	ab65320
	Mitochondria Isolation Kit for Cultured Cells	1 kit	ab110170
	Mitochondria Isolation Kit for Tissue (with Dounce Homogenizer)	1 kit	ab110169
	Mitochondria Isolation Kit for Tissue (without Dounce Homogenizer)	1 kit	ab110168
	Plasma Membrane Protein Extraction Kit	50 tests	ab65400
Lysis Buffers	10X RIPA Buffer	15 ml	ab156034
	Native Lysis Buffer	15 ml	ab156035
	10X Red Blood Cell (RBC) Lysis Buffer	100 ml	ab204733
Protease Inhibitor Cocktails	Protease Inhibitor Cocktail	3, 10, 30 ml	ab271306
	Protease Inhibitor Cocktail EDTA Free	3, 10, 30 ml	ab270055
	Protease and Phosphatase Inhibitor Cocktail	1 kit	ab201119
	Protease and Phosphatase Inhibitor Cocktail (EDTA-free)	1 ml	ab201120

Cell Fractionation Kit - Standard (ab109719)

- 可自細胞樣本中分離出位於粒線體、細胞質、細胞核的蛋白質，特別適合用來觀察蛋白質在細胞內分布位置的變化（如右圖）。
- 流程簡便快速，不需使用任何機械性外力，僅需簡單離心步驟就能完成。
- 萃取產物可直接適用於 WB 或 ELISA 檢測。



Cytoplasmic (C), mitochondrial (M) and nuclear (N) fractions of HepG2 cells were prepared as described in the protocol of Cell Fractionation Kit - Standard (ab109719). Fractions were analyzed by Western blotting using Cytochrome c Apoptosis WB Antibody Cocktail (ab110415) containing antibodies against mitochondrial matrix (pyruvate dehydrogenase subunit E1a, PDH E1a), mitochondrial inner membrane (F1-ATPase a (CV a)), mitochondrial intermembrane space (cytochrome c) and cytosolic (glyceraldehyde-3-phosphate dehydrogenase, GAPDH) markers as well as with antibodies against additional mitochondrial matrix (Hsp70) and nuclear (poly (ADP-ribose) polymerase, PARP and SP1) markers, followed by appropriate HRP-conjugated goat secondary antibodies and ECL detection.

產品圖面



抗體純化膠體

Protein A/G Agarose Resin



- 共價鍵結穩定、低 leakage，顆粒均勻、可耐高流速，且化學耐受性佳。
- 良好的抗體結合能力，可達 20-25 mg/ml (human IgG)。

Product	Pack Size	Cat. No.
Protein A Agarose Resin	5, 25, 100, 500 ml	ABT-PA09
Protein G Agarose Resin	5, 25, 100, 500 ml	ABT-4RRPG

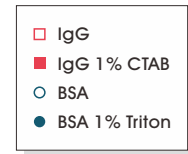
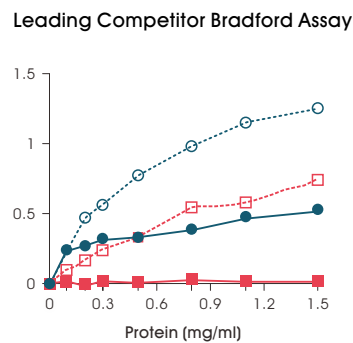
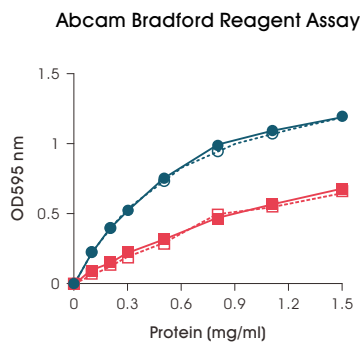


蛋白質定量試劑

Bradford Reagent (ab119216)

- 專利改良配方，定量結果更準確，不易受到樣本中的 Detergent 影響（高含量定量流程可耐受 1% Detergent；微量定量流程可耐受 0.1% Detergent）。
- 偵測範圍：高含量定量 0.1-1.5 mg/ml；微量定量 1-25 µg/ml。

Abcam Bradford Reagent is not affected by the detergents compared to leading competitor "Coomassie Protein Assay" which are subject to the high background noise at 595 nm in the presence of detergents.

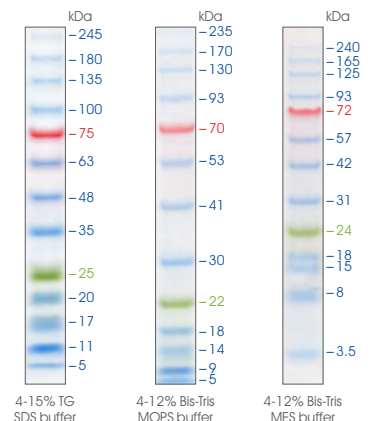


Category	Product	Pack Size	Cat. No.
Protein Quantification Kit	Bradford Reagent	500 ml	ab119216
Standards for protein quantification reagents	BSA Protein Standards	10 units	ab270701

蛋白質分子量標準液

Protein Markers

Product	Pack Size	Cat. No.
Prestained Protein Ladder – Extra broad molecular weight (5 - 245 kDa)	500 µl	ab116029



Prestained Protein Ladder – Extra broad molecular weight (5 - 245 kDa) (ab116029)

蛋白質膠體染色試劑

InstantBlue® Coomassie Protein Stain (ISB1L) (ab119211)

產品頁面



- 只要 15 分鐘就能迅速呈現清晰的染色結果，不需固定、清洗、脫色、加熱等繁複過程。
- 高效靈敏！5 ng BSA 即可偵測，且 10 x 10 cm 膠體僅需 25 ml 用量。
- 蛋白質可於脫色後 (destain) 進行質譜儀 (MS) 分析。
- 超過 2000 篇文獻採用，是進行蛋白質研究的絕佳利器！

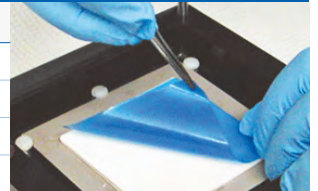


Product	Pack Size	Cat. No.
InstantBlue® Coomassie Protein Stain (ISB1L)	1000 ml	ab119211

蛋白質轉漬濾膜與濾紙

Western Blot Membranes and Filter Paper

Category	Product	Pack Size	Cat. No.
Western Blot Membranes	PolyScreen PVDF, 0.45 μ m, 26.5cm x 3.75m	1 roll	PK-NEF1002
	Protran Nitrocellulose, 0.45 μ m, 30cm x 3.5m	1 roll	PK-NBA085C
Filter Paper	Filter Paper, 0.35mm, 19.8 x 27.5 cm	100 pcs.	DNA-GFP002
	Filter Paper, 0.35mm, 40 x 55 cm	100 pcs.	DNA-GFP001



一級抗體／二級抗體

Primary Antibodies & Secodary Antibodies



優質抗體找伯森！身為科研市場龍頭，[Abcam](#) 創立至今已累積超過數十萬篇引用文獻。旗下將近 57,000 種的抗體產品，無論是 WB, IP, ICC, IHC, ELISA 等實驗，都能協助您更快更好地取得優質穩定的實驗結果。完整產品資訊與更多優惠活動訊息，歡迎洽詢 [Abcam 台灣代理伯森生技](#)。



Loading Control 抗體

Loading Control Antibodies

在進行 WB 實驗時，建議同時偵測 Loading Controls 以校正 Well 與 Well 之間、膠片與膠片之間樣本量的誤差。選擇 Loading Controls 時，應選擇與目標蛋白質分子量不同（以避免偵測結果互相干擾）且能在樣本中連續穩定表達的蛋白質。相關產品資訊歡迎參閱【[Loading Controls 抗體產品目錄](#)】，或洽詢伯森業務專員。



IP 實驗背景消除劑

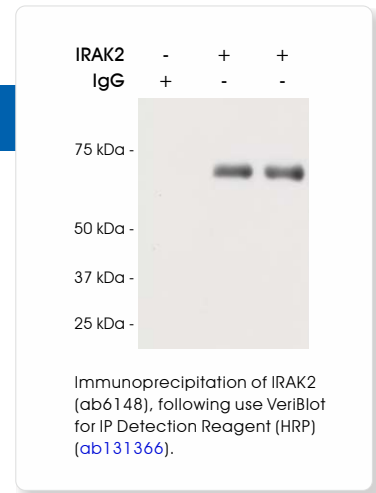
VeriBlot for IP Secondary Antibodies

解決 WB 檢測結果中的輕鏈與重鏈干擾問題，讓背景更清晰！

VeriBlot 二級抗體僅會辨識天然、非變性狀態的抗體，因此免疫沉澱 (IP) 或免疫共沉澱 (Co-IP) 沖提樣本中已經經過加熱及 SDS 處理的變性 IP 一抗，就不會被 VeriBlot 二級抗體辨識，WB 檢測結果中也就不会再有輕鏈與重鏈 bands 干擾的問題。

產品優勢：

- 抗體選擇不受限 - 可使用相同一級抗體或同物種來源的一級抗體進行 IP 和 WB 實驗。
- 使用方便 - 僅需簡單以此試劑替換原有的二級抗體，無須更動實驗其他試劑或步驟。



Product	Conjugate	Reactivity	Cat. No.
VeriBlot for IP Detection Reagent	HRP	Rabbit total IgG; Bovine IgG2; Goat IgG2; Human IgG1, IgG2, IgG4; Mouse IgG2a, IgG2b, IgG3; Rat IgG2c; Sheep IgG2	ab131366
Anti-mouse IgG for IP	HRP	Mouse IgG1, IgG2a, IgG2b, IgG3	ab131368

ECL 冷光試劑

Western Lightning™ Series ECL Reagents

Western Lightning™ 系列 Western Blot 冷光試劑具有優異的品質以及合理的售價，超過 15,000 篇文獻採用，是本公司長年暢銷不墜的明星商品之一。

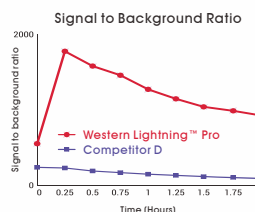


	基本款	進階款	
產品名稱	Western Lightning™ Plus	Western Lightning™ Pro	Western Lightning™ Ultra
訂購貨號	PK-NEL105	PK-NEL122	PK-NEL113
產品包裝	4 x 170 ml (2黑2白)	4 x 170 ml (2黑2白)	2 x 110 ml (1黑1白)

產品特點 具有比同級產品更高的靈敏度。



訊號長達 12 小時，適合多次曝光條件測試。與同級產品相比，訊噪比更佳。



具有 fg 等級的絕佳靈敏度。與同級產品相比，訊號更持久穩定。

