

Anti-Calreticulin antibody ab18847

2 References

医薬用外劇物

製品の概要

製品名	Anti-Calreticulin antibody
製品の詳細	Rabbit polyclonal to Calreticulin
由来種	Rabbit
特異性	Recognizes a 60 kDa calreticulin on SDS-PAGE immunoblots. Jurkat cell lysate can be used as a positive control.
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	This product is manufactured by BioVision, an Abcam company and was previously called 3077 Calreticulin Antibody. 3077-100 is the same size as the 100 µg size of ab18847

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 30% Glycerol (glycerin, glycerine), 0.5% BSA, 69% PBS
精製度	Affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 4 µg/ml. Predicted molecular weight: 48 kDa.

ターゲット情報

機能	Molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export.
配列類似性	Belongs to the calreticulin family.
ドメイン	Can be divided into a N-terminal globular domain, a proline-rich P-domain forming an elongated arm-like structure and a C-terminal acidic domain. The P-domain binds one molecule of calcium with high affinity, whereas the acidic C-domain binds multiple calcium ions with low affinity. The interaction with glycans occurs through a binding site in the globular lectin domain. The zinc binding sites are localized to the N-domain. Associates with PDIA3 through the tip of the extended arm formed by the P-domain.
細胞内局在	Endoplasmic reticulum lumen. Cytoplasm > cytosol. Secreted > extracellular space > extracellular matrix. Cell surface. Also found in cell surface (T cells), cytosol and extracellular matrix. Associated with the lytic granules in the cytolytic T-lymphocytes.

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