abcam

Product datasheet

Anti-GM2A antibody ab104323

画像数 1

製品の概要

製品名	Anti-GM2A antibody
製品の詳細	Rabbit polyclonal to GM2A
由来種	Rabbit
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 corresponding to a region within N terminal amino acids 35-84 (SWDNCDEGKD PAVIRSLTLE PDPIIVPGNV TLSVMGSTSV PLSSPLKVDL) of Human GM2A (NP_000396). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	HeLa cell lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
精製度	Immunogen 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

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab104323の使用に適用されます

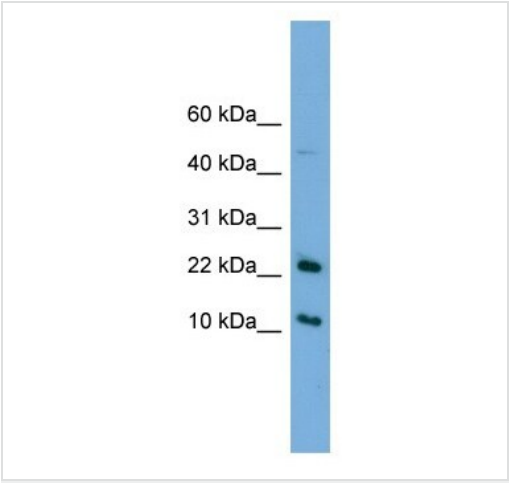
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 18 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

ターゲット情報

機能	Binds gangliosides and stimulates ganglioside GM2 degradation. It stimulates only the breakdown of ganglioside GM2 and glycolipid GA2 by beta-hexosaminidase A. It extracts single GM2 molecules from membranes and presents them in soluble form to beta-hexosaminidase A for cleavage of N-acetyl-D-galactosamine and conversion to GM3.
関連疾患	Defects in GM2A are the cause of GM2-gangliosidosis type AB (GM2GAB) [MIM:272750]; also known as Tay-Sachs disease AB variant. GM2-gangliosidosis is an autosomal recessive lysosomal storage disease marked by the accumulation of GM2 gangliosides in the neuronal cells. GM2GAB is characterized by GM2 gangliosides accumulation in the presence of both hexosaminidase A and B.
翻訳後修飾	The serines in positions 32 and 33 are absent in 80% of the sequenced protein.
細胞内局在	Lysosome.

画像



Western blot - Anti-GM2A antibody (ab104323)

Anti-GM2A antibody (ab104323) at 1 µg/ml + HeLa cell lysate at 10 µg

Predicted band size: 18 kDa

Gel concentration: 10-20%

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