

Product datasheet

Anti-CHRNA2 antibody ab48943

1 Abreviews [画像数 1](#)

製品の概要

製品名	Anti-CHRNA2 antibody
製品の詳細	Rabbit polyclonal to CHRNA2
由来種	Rabbit
アプリケーション	適用あり: ELISA, WB
種交差性	交差種: Human 交差が予測される動物種: Chimpanzee
免疫原	A region within synthetic peptide: MGPSCPVFLS FTKLSLWLL LTPAGGEEAK RPPPRAPGDP LSSPSPTALP, corresponding to N terminal amino acids 1-50 of Human Nicotinic Acetylcholine Receptor alpha 2 Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	HepG2 cell lysates Raji cell lysates

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 freeze / thaw cycles.
バッファー	Preservative: None Constituents: 2% Sucrose, PBS
精製度	Protein A purified
特記事項(精製)	Purified by Protein G/A affinity chromatography method.
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

Our [Abpromise guarantee](#) covers the use of **ab48943** in the following tested applications.

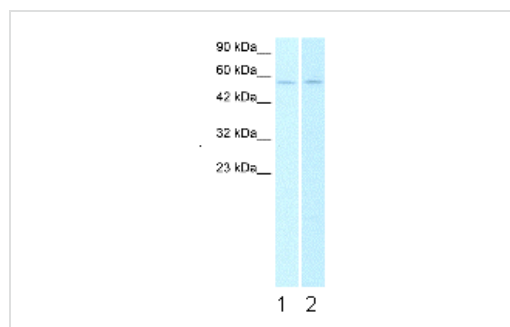
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケーション	Abreviews	特記事項
ELISA		1/15000.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 58 kDa (predicted molecular weight: 60 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	After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.
関連疾患	Defects in CHRNA2 are the cause of nocturnal frontal lobe epilepsy type 4 (ENFL4) [MIM:610353]. ENFL4 is an autosomal dominant epilepsy characterized by nocturnal seizures associated with fear sensation, tongue movements, and nocturnal wandering, closely resembling nightmares and sleep walking.
配列類似性	Belongs to the ligand-gated ion channel (TC 1.A.9) family. Acetylcholine receptor (TC 1.A.9.1) subfamily. Alpha-2/CHRNA2 sub-subfamily.
細胞内局在	Cell junction > synapse > postsynaptic cell membrane. Cell membrane.

画像



Western blot - Anti-Nicotinic Acetylcholine Receptor alpha 2 antibody (ab48943)

All lanes : Anti-CHRNA2 antibody (ab48943)
at 2.5 µg/ml

Lane 1 : HepG2 cell lysate

Lane 2 : Raji cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

Lane 2 : HRP conjugated anti-Rabbit IgG at
1/50000 dilution

Predicted band size: 60 kDa

Observed band size: 58 kDa

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