


Product datasheet

Anti-Nicotinic Acetylcholine Receptor alpha 2 antibody ab48943

1 Abreviews [画像数 1](#)

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-Nicotinic Acetylcholine Receptor alpha 2 antibody |
| 製品の詳細 | Rabbit polyclonal to Nicotinic Acetylcholine Receptor alpha 2 |
| 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

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|----------|---|
| 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.

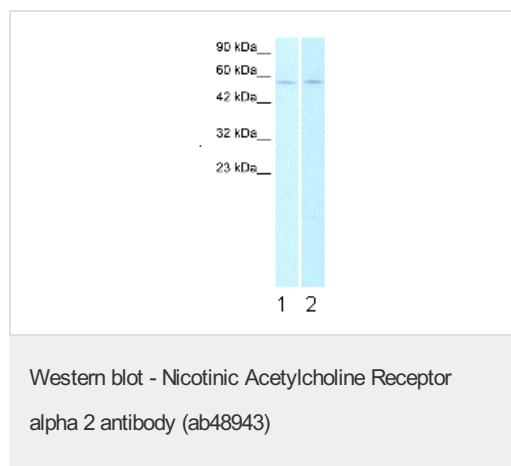
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 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

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|-------|---|
| 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



All lanes : Anti-Nicotinic Acetylcholine Receptor alpha 2 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

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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