

Product datasheet

Anti-Muscarinic Acetylcholine Receptor M4 antibody - Carboxyterminal end ab41170

1 References

製品の概要

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|--------------|---|
| 製品名 | Anti-Muscarinic Acetylcholine Receptor M4 antibody - Carboxyterminal end |
| 製品の詳細 | Rabbit polyclonal to Muscarinic Acetylcholine Receptor M4 - Carboxyterminal end |
| 由来種 | Rabbit |
| 特異性 | Cross reactivity for ab41170: M4 Muscarinic Receptor (469-478): 100% M4 Muscarinic Receptor: 70% No cross reactivity was observed in: M1 Muscarinic Receptor(451-460) M1 Muscarinic Receptor M2 Muscarinic Receptor(457-466) M2 Muscarinic Receptor M3 Muscarinic Receptor(580-589) M3 Muscarinic Receptor M5 Muscarinic Receptor(519-531) M5 Muscarinic Receptor |
| アプリケーション | 適用あり: ICC, WB, ELISA |
| 種交差性 | 交差種: Mouse, Rat |
| 免疫原 | peptide analogue of the C terminal of rat muscarinic M4 receptor covalently attached onto a carrier protein. |
| ポジティブ・コントロール | Rat brain tissue, whole brain homogenate and cultured cells. |

製品の特性

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| 製品の状態 | Lyophilised:Reconstitute the lyophilized pooled antisera with 0.1 ml of 10 mg/ml BSA and 0.01% Sodium Azide in PBS. |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| バッファー | Preservative: None Constituents: Whole serum |
| 精製度 | Whole antiserum |
| 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 **ab41170** 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 |
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ICC

WB

ELISA

追加情報

ELISA: Use at an assay dependent dilution.

ICC: 1/500.

WB: 1/400. Predicted molecular weight: 53 kDa.

This antibody is very sensitive to blocking agent. We recommend using whole goats serum for optimal results. Avoid any bovine products (BSA and milk).

With this antibody, we have found that blocking with 5% goat or donkey serum significantly reduces background as compared to BSA or milk.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

関連性

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine to these receptors and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The clinical implications of this receptor are unknown; however, mouse studies link its function to adenylate cyclase inhibition. Muscarinic acetylcholine receptor M4 has been reported to be expressed in many regions of the rat brain, particularly the striatum and hippocampus.

細胞内局在

Cell Membrane

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