

Product datasheet

Rat Muscarinic Acetylcholine Receptor M3/CHRM3 peptide ab139964

Description

Product name	Rat Muscarinic Acetylcholine Receptor M3/CHRM3 peptide
Purity	70 - 90% by HPLC.
Accession	P08483
Animal free	No
Nature	Recombinant
Species	Rat
Additional sequence information	Within residues 500 to the C-terminus of Rat Muscarinic Acetylcholine Receptor M3.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab139964** in the following tested applications.

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

Applications	Western blot
Form	Liquid
Additional notes	<ul style="list-style-type: none">- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use. <p>This product was previously labelled as Muscarinic Acetylcholine Receptor M3</p>

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw
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cycles.

Information available upon request.

General Info

Function	The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family. Muscarinic acetylcholine receptor subfamily. CHRM3 sub-subfamily.
Cellular localization	Cell membrane. Cell junction > synapse > postsynaptic cell membrane. Basolateral cell membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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