abcam

Product datasheet

Somatostatin Receptor 2 peptide ab218996

1 Image

Description

Product name Somatostatin Receptor 2 peptide

Accession P30874
Animal free No

Nature Synthetic

Specifications

Our Abpromise guarantee covers the use of ab218996 in the following tested applications.

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

Form Lyophilized

Additional notes Reconstitution instructions:

- 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.

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C.

Information available upon request.

General Info

Function

Receptor for somatostatins-14 and -28. This receptor is coupled via pertussis toxin sensitive G

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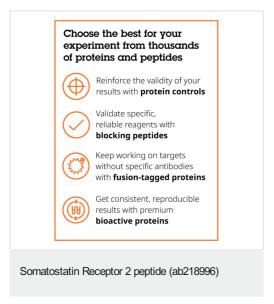
proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and PLC via pertussis toxin insensitive as well as sensitive G proteins. In RIN-5F cells, this receptor inhibits calcium entry by suppressing voltage dependent calcium-channels.

Tissue specificity Cerebrum and kidney. In lesser amounts in jejunum, colon and liver.

Sequence similaritiesBelongs to the G-protein coupled receptor 1 family.

Cellular localization Cell membrane.

Images



To learn more about our protein and peptide range click here.

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