


Product datasheet

Anti-Sez6 antibody ab121347

★★★★☆ [2 Abreviews](#) [2 Images](#)

Overview

Product name	Anti-Sez6 antibody
Description	Rabbit polyclonal to Sez6
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Cow 
Immunogen	Recombinant fragment corresponding to amino acids 774-897 of Human Sez6 (UniProt: Q53EL9).
Positive control	Human hippocampus tissue and plasma.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab121347 in the following tested applications.

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

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

May play a role in cell-cell recognition and in neuronal membrane signaling. Seems to be important for the achievement of the necessary balance between dendrite elongation and branching during the elaboration of a complex dendritic arbor. Involved in the development of appropriate excitatory synaptic connectivity.

Sequence similarities

Belongs to the SEZ6 family.
Contains 2 CUB domains.
Contains 5 Sushi (CCP/SCR) domains.

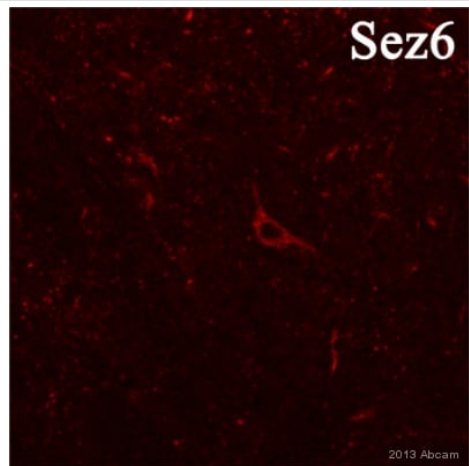
Post-translational modifications

Glycosylated.

Cellular localization

Cell membrane. Localized on dendrites and in the synaptic and postsynaptic fraction.

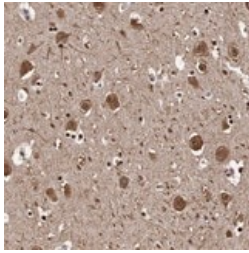
Images



ab121347 staining Sez6 in Mouse brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with paraformaldehyde and blocked with 4% serum for 1 hour at 4°C; antigen retrieval used 0.1% NaBH₄. Samples were incubated with primary antibody (undiluted) for 24 hours at 4°C. An undiluted Cy3®-conjugated Goat anti-rabbit IgG polyclonal was used as the secondary antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sez6 antibody (ab121347)

This image is courtesy of an Abreview submitted by Hyun Jin Kim



ab121347, at 1/25, staining Sez6 in paraffin-embedded Human Hippocampus tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sez6 antibody (ab121347)

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

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