

Product datasheet

Anti-ADAM22 antibody ab231340

[1 References](#) [3 Images](#)

Overview

Product name	Anti-ADAM22 antibody
Description	Rabbit polyclonal to ADAM22
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human, Pig
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human ADAM22 aa 350-600. (Expressed in E.coli). Database link: Q9P0K1 Run BLAST with Run BLAST with
Positive control	IHC-P: Human liver tissue. WB: Pig cerebrum lysate; Recombinant human ADAM22 protein.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab231340 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

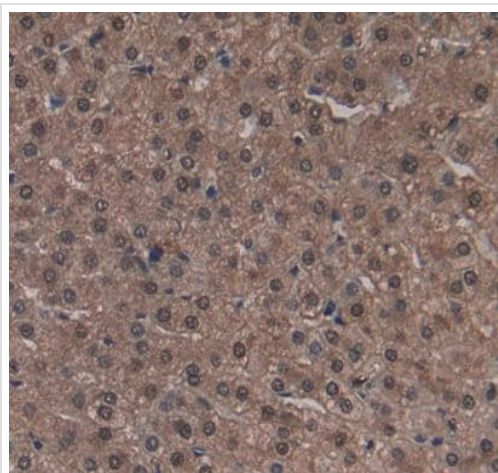
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab231340 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 100 kDa.

Target

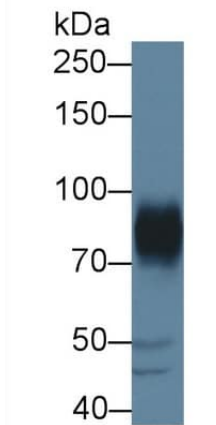
Function	Probable ligand for integrin in the brain. This is a non catalytic metalloprotease-like protein. Involved in regulation of cell adhesion and spreading and in inhibition of cell proliferation. Neuronal receptor for LGI1.
Tissue specificity	Highly expressed in the brain and in some high-grade but not low-grade gliomas. Detected slightly or not at all in other tissues.
Sequence similarities	Contains 1 disintegrin domain. Contains 1 EGF-like domain. Contains 1 peptidase M12B domain.
Post-translational modifications	The precursor is cleaved by a furin endopeptidase.
Cellular localization	Membrane.

Images



Formalin-fixed, paraffin-embedded human liver tissue stained for ADAM22 using ab231340 at 20 µg/ml in immunohistochemical analysis. DAB staining.

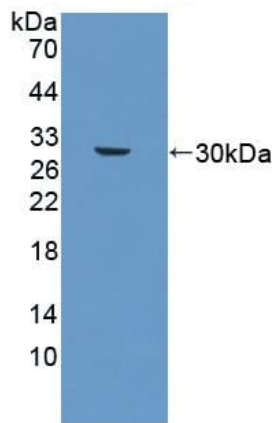
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ADAM22 antibody (ab231340)



Anti-ADAM22 antibody (ab231340) at 2 µg/ml + Pig cerebrum lysate.

Predicted band size: 100 kDa

Western blot - Anti-ADAM22 antibody (ab231340)



Anti-ADAM22 antibody (ab231340) at 2 µg/ml + Recombinant human ADAM22 protein.

Predicted band size: 100 kDa

Western blot - Anti-ADAM22 antibody (ab231340)

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

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