



Product datasheet

Anti-APP-1 antibody ab220832

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

Overview

Product name	Anti-APP-1 antibody
Description	Rabbit polyclonal to APP-1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human APP-1 aa 350-450. Database link: Q13310
	 Run BLAST with  Run BLAST with
Positive control	WB: U-2197 and HeLa cell line.
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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab220832 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
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 71 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Function

Binds the poly(A) tail of mRNA. May be involved in cytoplasmic regulatory processes of mRNA metabolism. Can probably bind to cytoplasmic RNA sequences other than poly(A) in vivo.

Tissue specificity

Expressed at low levels in resting normal T cells; following T-cell activation, however, mRNA levels are rapidly up-regulated.

Sequence similarities

Belongs to the polyadenylate-binding protein type-1 family.
Contains 1 PABC domain.
Contains 4 RRM (RNA recognition motif) domains.

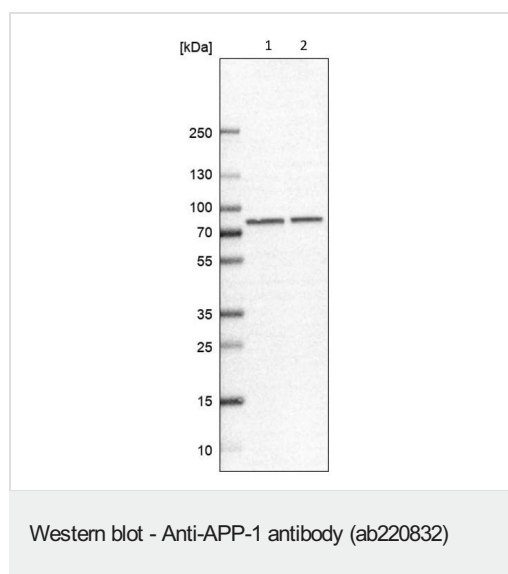
Post-translational modifications

Arg-518 is dimethylated, probably to asymmetric dimethylarginine.

Cellular localization

Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

Images

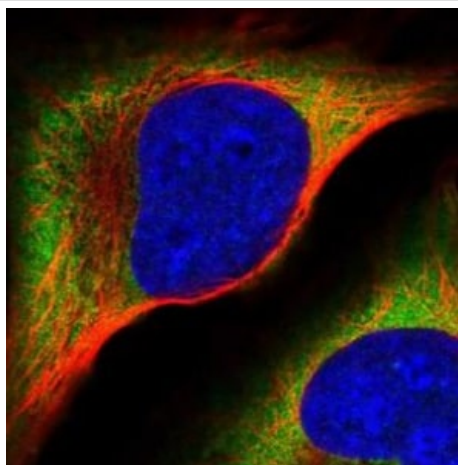


All lanes : Anti-APP-1 antibody (ab220832) at 0.4 µg/ml

Lane 1 : U-2197 cell line

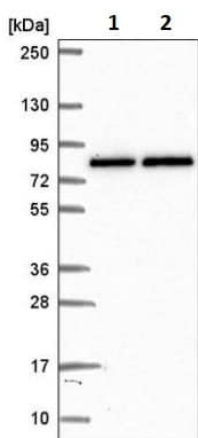
Lane 2 : HeLa cell line

Predicted band size: 71 kDa



Immunofluorescent analysis of PFA fixed, triton X-100 permeabilized U-2 OS cells labeling APP-1 with ab220832 at 4 µg/mL (green).

Immunocytochemistry/ Immunofluorescence - Anti-APP-1 antibody (ab220832)



All lanes : Anti-APP-1 antibody (ab220832) at 1/100 dilution

Lane 1 : RT-4 cell lysate

Lane 2 : U-251 MG cell lysate

Predicted band size: 71 kDa

Western blot - Anti-APP-1 antibody (ab220832)

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

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