


Anti-APP-1 antibody ab101492

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

Overview

Product name	Anti-APP-1 antibody
Description	Rabbit polyclonal to APP-1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Platypus 
Immunogen	Synthetic peptide corresponding to Human APP-1 aa 525-575 (internal sequence). Database link: NP_003810.1
Positive control	Human Bladder Cell Carcinoma, Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma and Prostate Carcinoma. Mouse Teratoma.
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 freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab101492 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		1/100 - 1/500. Antigen retrieval is recommended. Antigen retrieval with citrate buffer will enhance staining.

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.

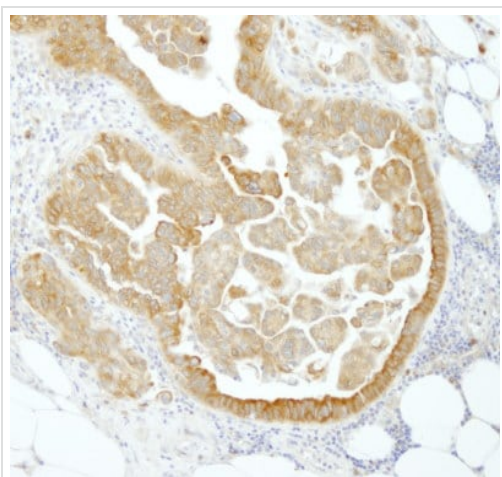
Post-translational modifications

Arg-518 is dimethylated, probably to asymmetric dimethylarginine.

Cellular localization

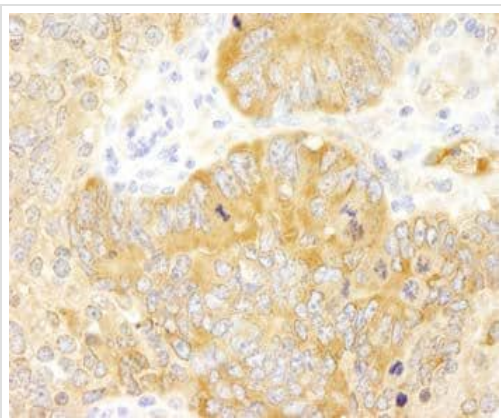
Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

Images



ab101492 at 1/250 dilution staining APP-1 in a Formalin-fixed, paraffin-embedded section of Human ovarian carcinoma by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Detection utilised DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APP-1 antibody (ab101492)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APP-1 antibody (ab101492)

ab101492 at 1/250 dilution staining APP-1 in a formalin-fixed, paraffin-embedded section of mouse teratoma by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Detection utilised DAB.

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

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