


Product datasheet

Anti-ASAP1 / DDEF1 antibody ab246897

1 Image

Overview

Product name	Anti-ASAP1 / DDEF1 antibody
Description	Rabbit polyclonal to ASAP1 / DDEF1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment corresponding to Human ASAP1/ DDEF1. Sequence: STPRDKQRLSYGAFTNQIFVSTSTDSPTSPTEAPPLPPR NAGKGNDGGP SSSSKTTNKFEGLSQQSSTSSAKTALGPRVLPKLPQKVA LRKT Run BLAST with Run BLAST with
Positive control	IHC-P: Human rectum tissue.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as 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), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab246897** in the following tested applications.

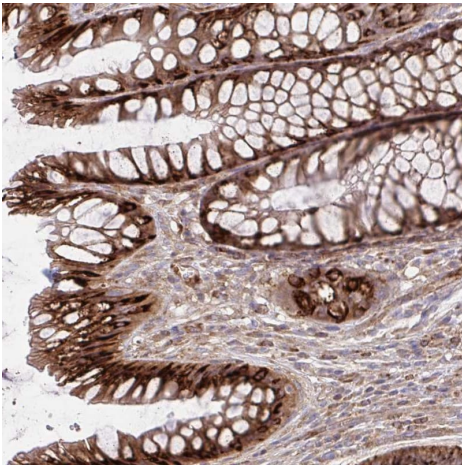
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Possesses phosphatidylinositol 4,5-biphosphate-dependent GTPase-activating protein activity for ARF1 (ADP ribosylation factor 1) and ARF5 and a lesser activity towards ARF6. May coordinate membrane trafficking with cell growth or actin cytoskeleton remodeling by binding to both SRC and PIP2. May function as a signal transduction protein involved in the differentiation of fibroblasts into adipocytes and possibly other cell types (By similarity). Plays a role in ciliogenesis.
Sequence similarities	Contains 2 ANK repeats. Contains 1 Arf-GAP domain. Contains 1 PH domain. Contains 1 SH3 domain.
Domain	The PH domain most probably contributes to the phosphoinositide-dependent regulation of ADP ribosylation factors.
Post-translational modifications	Phosphorylated on tyrosine residues by SRC.
Cellular localization	Cytoplasm. Membrane. Predominantly cytoplasmic (By similarity). Partially membrane-associated.

Images



Paraffin-embedded human rectum tissue stained for ASAP1 / DDEF1 using ab246897 at 1/20 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ASAP1 / DDEF1 antibody (ab246897)

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

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