

Datasheet for ABIN185100
anti-AGAP3 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	AGAP3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AGAP3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CENTG3 / MRIP1
Immunogen:	Peptide with sequence C-NPSAELHRSPSLL, from the C Terminus of the protein sequence according to NP_114152.3.
Sequence:	NPSAELHRSP SLL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

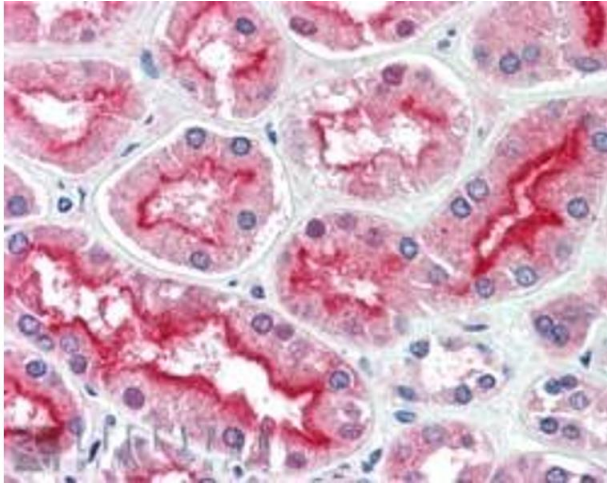
Target:	AGAP3
Alternative Name:	AGAP3 (AGAP3 Products)
Background:	AGAP3, CENTG3, MRIP1, centaurin, gamma 3, MRIP-1, MRIP-1 protein, ArfGAP with GTPase domain, ankyrin repeat and PH domain 3, CRAG, FLJ16146, FLJ34452, CRMP (collapsin response mediator protein) associated, centaurin, gamma 3
Gene ID:	116988, 213990
NCBI Accession:	NP_114152
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Kidney shows strong staining of brush borders in Proximal Convoluted tubules. Recommended concentration, 5-10 µg/mL. Western Blot: Preliminary experiments gave an approx 45 kDa band in Human Brain and Human Liver lysates at 1 µg/mL. This band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in th Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN185100 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.