

Datasheet for ABIN570975

anti-AGAP2 antibody (Internal Region)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	AGAP2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AGAP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CENTG1 / PIKE
Immunogen:	Peptide with sequence C-QASLDSIREAVINSQ, from the internal region of the protein sequence according to NP_055585.1.
Sequence:	QASLDSIREA VINSQ
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform PIKE-S (NP_055585.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

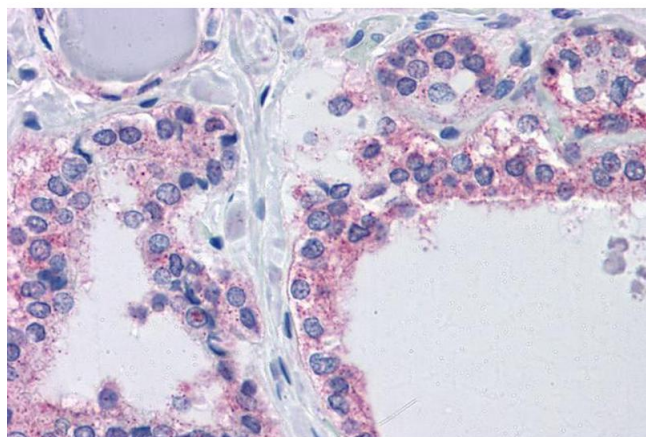
Target:	AGAP2
Alternative Name:	AGAP2 (AGAP2 Products)
Background:	CENTG1, centaurin, gamma 1, AGAP2, FLJ16430, GGAP2, KIAA0167, PIKE, Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 2, GTP-binding and GTPase activating protein 2, centaurin gamma1, phosphoinositide 3-kinase enhancer
Gene ID:	116986
NCBI Accession:	NP_055585

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Thyroid and Kidney. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 100 kDa band observed in Human Brain (Amygdala and Cerebral Cortex) lysates (calculated MW of 90.5 kDa according to NP_055585.1). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

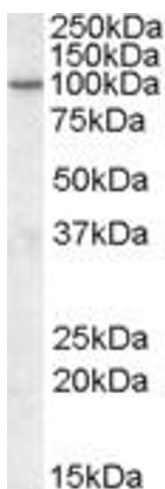
Handling

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.



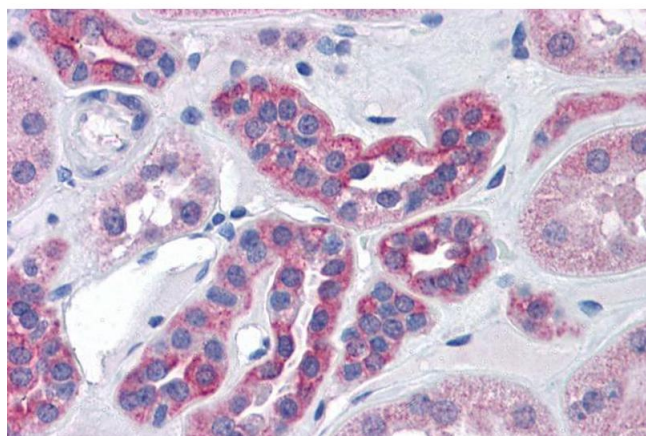
Immunohistochemistry

Image 1. ABIN570975 (3.75µg/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN570975 (0.3µg/ml) staining of Human Amygdala lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN570975 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.