

Rabbit anti-Human PIKE Polyclonal Antibody | anti-PIKE antibody

Rabbit anti-PIKE Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212580	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PIKE; Polyclonal Antibody; Rabbit anti-PIKE Antibody; Affinity Purified; cnt-g1; phosphoinositide 3-kinase enhancer; phosphatidylinositol 3-kinase enhancer; GTP-binding and GTPase-activating protein 2; AGAP-2; GGAP2; CENTG1; Centaurin-gamma-1; centaurin; gamma 1; arf-GAP with GTPase; ANK repeat and PH domain-containing protein 2; Arf GAP with GTP-binding protein-like; ANK repeat and PH domains 2; GTP-binding and GTPase activating protein 2; Arf-GAP with GTPase; ArfGAP with GTPase domain; ankyrin repeat and PH domain 2; anti-PIKE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PIKE antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 775 and 825
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PIKE by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-PIKE antibody AAA212580 (lot AAA212580-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PIKE by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-PIKE antibody AAA212580 (lot AAA212580-1) used for IP at 6 ug per reaction. PIKE was also immunoprecipitated by rabbit anti-PIKE antibody For blotting immunoprecipitated PIKE, AAA212580 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PIKE antibody

Phosphatidylinositol 3-kinase enhancer (PIKE) belongs to the centaurin gamma-like family. It mediates anti-apoptotic effects of nerve growth factor by activating nuclear phosphoinositide 3-kinase. It is overexpressed in cancer cells, and promotes cancer cell invasion [taken from NCBI Entrez Gene (Gene ID: 116986)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661962
NCBI GeneID	116986
NCBI Accession #	NP_055585.1
NCBI GenBank Nucleotide #	NM_014770.3
UniProt Accession #	Q99490; O00578; Q548E0; Q8IWU3; A8K9F7
Molecular Weight	90,537 Da
NCBI Official Full Name	arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 isoform PIKE-A
NCBI Official Synonym Full Names	ArfGAP with GTPase domain, ankyrin repeat and PH domain 2
NCBI Official Symbol	AGAP2
NCBI Official Synonym Symbols	PIKE; GGAP2; CENTG1
NCBI Protein Information	arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2; cnt-g1; centaurin, gamma 1; phosphoinositide 3-kinase enhancer; phosphatidylinositol 3-kinase enhancer; phosphatidylinositol-3-kinase enhancer; GTP-binding and GTPase activating protein 2
UniProt Protein Name	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2
UniProt Gene Name	AGAP2
UniProt Synonym Gene Names	CENTG1; KIAA0167; AGAP-2; Cnt-g1; GGAP2; PIKE
UniProt Entry Name	AGAP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pike-antibody-immunoprecipitation-western-blot-elisa/212580>