

Rabbit Aak1 Polyclonal Antibody | anti-Aak1 antibody

Mouse Aak1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290147	Rabbit	Mouse (Predicted Reactivity: Bovine, Human, Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

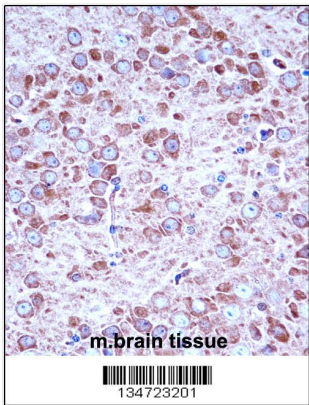
PRODUCT SYNONYMS

Aak1; Polyclonal Antibody; Mouse Aak1 Antibody (Center); AP2-associated protein kinase 1; Adaptor-associated kinase 1; Kiaa1048; anti-Aak1 antibody

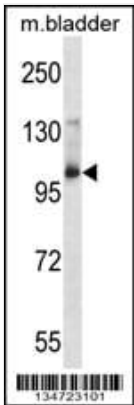
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine, Human, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Aak1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-306 amino acids from the Central region of mouse Aak1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	279-306
Sequence Length	878
Applicable Applications for anti-Aak1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Mouse Aak1 Antibody (Center) (AAA290147)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Aak1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Aak1 Antibody (Center) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the Aak1 antibody detected the Aak1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Aak1 antibody	Aak1 phosphorylates the AP2M1/mu2 subunit of the adaptor protein complex 2 (AP-2). May play a role in regulating aspects of clathrin-mediated endocytosis (By similarity).
Product Categories/Family for anti-Aak1 antibody	Signal Transduction
References	Munton, R.P., et al. Mol. Cell Proteomics 6(2):283-293(2007) Nishimura, M., et al. DNA Res. 11(5):315-323(2004) Jha, A., et al. J. Biol. Chem. 279(3):2281-2290(2004) Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003) Hansen, J., et al. Proc. Natl. Acad. Sci. U.S.A. 100(17):9918-9922(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	91992157
NCBI GeneID	269774
NCBI Accession #	NP_001035195.1; NP_808430.2
NCBI GenBank Nucleotide #	NM_001040106.2
UniProt Accession #	Q3UHHJ0; Q3TY53; Q6ZPZ6; Q80XP6; B2RUJ0; Q6PIU9
Molecular Weight	103346
NCBI Official Full Name	AP2 associated kinase 1 isoform 1
NCBI Official Synonym Full Names	AP2 associated kinase 1
NCBI Official Symbol	Aak1
NCBI Official Synonym Symbols	C79663; R75501; AU067724; AU067726; BC028270; mKIAA1048; 9630042K20; D6Ertd245e; 5530400K14Rik
NCBI Protein Information	AP2 associated kinase 1
UniProt Protein Name	AP2-associated protein kinase 1
UniProt Gene Name	Aak1
UniProt Synonym Gene Names	Kiaa1048
UniProt Entry Name	AAK1_MOUSE

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/aak1-antibody-immunohistochemistry-western-blot-elisa/290147>