

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

AATK Antibody (N-term)

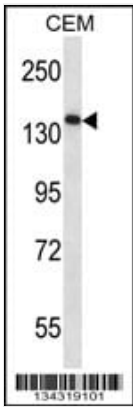
CATALOG # AAA286707	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

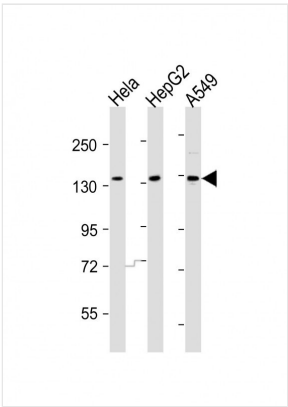
AATK; Polyclonal Antibody; AATK Antibody (N-term); Serine/threonine-protein kinase LMTK1; Apoptosis-associated tyrosine kinase; AATYK; Brain apoptosis-associated tyrosine kinase; CDK5-binding protein; Lemur tyrosine kinase 1; p35-binding protein; p35BP; KIAA0641; LMR1; LMTK1; anti-AATK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AATK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-74 amino acids from the N-terminal region of human AATK.
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	46-74
Sequence Length	879
Applicable Applications for anti-AATK antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.



WB (Western Blot)
AATK Antibody (N-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the AATK antibody detected the AATK protein (arrow).



WB (Western Blot)
All lanes : Anti-AATK Antibody (N-term) at 1:2000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: HepG2 whole cell lysates
Lane 3: A549 whole cell lysates
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 145 kDa
Blocking/Dilution buffer: 5% NFD/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-AATK antibody	The protein encoded by this gene contains a tyrosine kinase domain at the N-terminus and a proline-rich domain at the C-terminus. This gene is induced during apoptosis, and expression of this gene may be a necessary pre-requisite for the induction of growth arrest and/or apoptosis of myeloid precursor cells. This gene has been shown to produce neuronal differentiation in a neuroblastoma cell line.
Product Categories/Family for anti-AATK antibody	Cell Biology; Neuroscience; Signal Transduction
References	Tomomura, M., et al. Neuroscience 148(2):510-521(2007) Lee, S., et al. Oncol. Rep. 16(4):747-754(2006) Honma, N., et al. Biochem. Biophys. Res. Commun. 310(2):398-404(2003) Tomomura, M., et al. Brain Res. Mol. Brain Res. 112 (1-2), 103-112 (2003) : Tomomura, M., et al. Oncogene 20(9):1022-1032(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	187937179
NCBI GeneID	9625
NCBI Accession #	NP_001073864.2; NP_004911.2
NCBI GenBank Nucleotide #	NM_001080395.2
UniProt Accession #	Q6ZMQ8; O75136; Q6ZN31; Q86X28
Molecular Weight	144569
NCBI Official Full Name	serine/threonine-protein kinase LMTK1 isoform 1
NCBI Official Synonym Full Names	apoptosis-associated tyrosine kinase
NCBI Official Symbol	AATK
NCBI Official Synonym Symbols	LMR1; AATYK; LMTK1; p35BP; AATYK1; PPP1R77
NCBI Protein Information	serine/threonine-protein kinase LMTK1
UniProt Protein Name	Serine/threonine-protein kinase LMTK1

UniProt Gene Name	AATK
UniProt Synonym Gene Names	AATYK; KIAA0641; LMR1; LMTK1; AATYK; p35BP
UniProt Entry Name	LMTK1_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://www.aaabiotech.com/polyclonal/aatk-antibody-western-blot-elisa/286707>