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AATK Rabbit pAb

Catalog # AP97870

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6ZMQ8
Other Accession	Q6ZMQ8
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	144569
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human AATK
Epitope Specificity	1201-1374/1374
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein kinase superfamily. Tyr protein kinase family. Contains 1 protein kinase domain.
SUBUNIT	Interacts with CDK5.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

Additional Information

Gene ID	9625
Other Names	AATYK; AATYK1; LMR1; LMTK1; PPP1R77; p35BP; LMTK1_HUMAN; AATK; Apoptosis-associated tyrosine kinase (AATYK); Brain apoptosis-associated tyrosine kinase; CDK5-binding protein; Lemur tyrosine kinase 1; p35-binding protein (p35BP); 2.7.11.1; KIAA0641; apoptosis associated tyrosine kinase; protein phosphatase 1, regulatory subunit 77
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	AATK
Synonyms	AATYK, KIAA0641, LMR1, LMTK1
Function	May be involved in neuronal differentiation.
Cellular Location	Membrane; Single-pass type I membrane protein. Cytoplasm. Cytoplasm, perinuclear region. Note=Predominantly perinuclear
Tissue Location	Expressed in brain..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.