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FASTK Rabbit pAb

Catalog # AP98479

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q14296
Other Accession	Q14296
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61104
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAST kinase
Epitope Specificity	481-549/549
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 FAST protein kinase family.Contains 1 RAP domain.
SUBUNIT	Interacts with TIA-1 and TIAR.
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 is a member of the serine/threonine protein kinase family. This kinase was shown to be activated rapidly during Fas mediated apoptosis in Jurkat cells. In response to Fas receptor ligation, it phosphorylates TIA1, an apoptosis promoting nuclear RNA binding protein. The encoded protein is a strong inducer of lymphocyte apoptosis. Two transcript variants encoding different isoforms have been found for this gene. Other variants exist, but their full length natures have not yet been determined.

Additional Information

Gene ID	10922
Other Names	FASTK_HUMAN; FASTK; FAST kinase; 2.7.11.1; 2.7.11.8; FASTK_MOUSE; Fas activated serine/threonine kinase; Fas-activated serine/threonine kinase
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	FASTK
Function	Phosphorylates the splicing regulator TIA1, thereby promoting the inclusion of FAS exon 6, which leads to an mRNA encoding a pro- apoptotic form of the receptor.
Cellular Location	[Isoform 4]: Mitochondrion matrix. Note=Colocalizes with mitochondrial RNA granules.
Tissue Location	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

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