

FAST Polyclonal Antibody

Catalog No :	YT1678
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	FAST
Gene Name :	FASTK
Protein Name :	Fas-activated serine/threonine kinase
Human Gene Id :	10922
Human Swiss Prot No :	Q14296
Mouse Swiss Prot No :	Q9JIX9
Immunogen :	The antiserum was produced against synthesized peptide derived from human FAST. AA range:361-410
Specificity :	FAST Polyclonal Antibody detects endogenous levels of FAST protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	61kD

Background :

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. [provided by RefSeq, Jul 2008],

Function :

catalytic activity:ATP + [Fas-activated serine/threonine protein] = ADP + [Fas-activated serine/threonine phosphoprotein].,function:Fas-mediated apoptosis is characterized by FASTK-dephosphorylation and TIA-1-phosphorylation. Both are activated and FASTK-mediated TIA-1 activation play a key role in apoptosis.,PTM:Phosphorylated on serine/threonine.,similarity:Belongs to the FAST protein kinase family.,similarity:Contains 1 RAP domain.,subunit:Interacts with TIA-1.,tissue specificity:Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.,

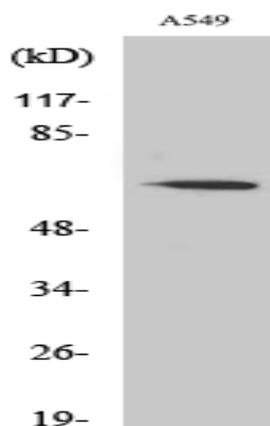
Subcellular Location :

[Isoform 4]: Mitochondrion matrix . Colocalizes with mitochondrial RNA granules.

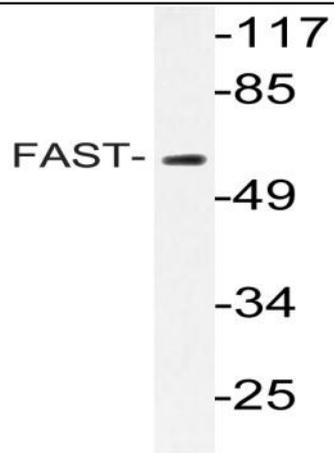
Expression :

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

Products Images



Western Blot analysis of various cells using FAST Polyclonal Antibody



Western blot analysis of lysate from A549 cells, using FAST antibody.