10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-FAST Kinase Antibody

Catalog # AP51205

Product Information

Application	WB, IF/IC
Primary Accession	Q14296
Reactivity	Human, Mouse, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61104

Additional Information

Gene ID	10922
Other Names	Fas-activated serine/threonine kinase; FAST kinase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FAST Kinase. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

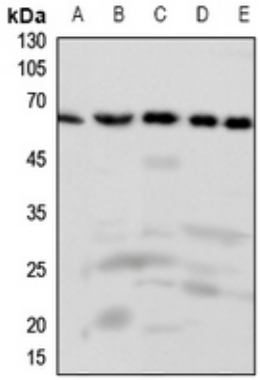
Name	FASTK
Function	Phosphorylates the splicing regulator TIA1, thereby promoting the inclusion of FAS exon 6, which leads to an mRNA encoding a pro- apoptotic form of the receptor.
Cellular Location	[Isoform 4]: Mitochondrion matrix. Note=Colocalizes with mitochondrial RNA granules.
Tissue Location	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

References

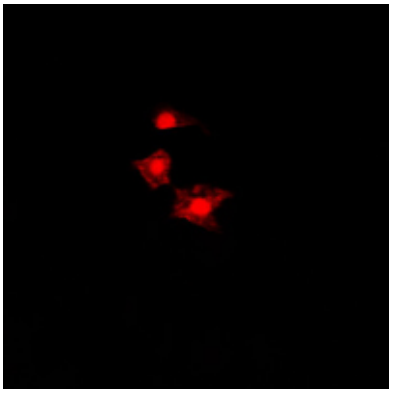
Tian Q.,et al.J. Exp. Med. 182:865-874(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of FAST Kinase expression in HEK293T (A), H460 (B), mouse brain (C), mouse heart (D), rat heart (E) whole cell lysates. (Predicted band size: 61 kD; Observed band size: 61 kD)



Immunofluorescent analysis of FAST Kinase staining in HL60 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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