

Datasheet for ABIN6283429

anti-MAP4K1 antibody (Internal Region)[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	MAP4K1
Binding Specificity:	AA 340-420, Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	HPK1 is a protein encoded by the MAP4K1 gene which is approximately 91,3 kDa. HPK1 is localised to the cytoplasm and cell membrane. It is involved in the TGF-beta pathway, MAPK signalling pathway, B cell receptor signalling pathway and NF-kappa B signalling. It is a serine/threonine-protein kinase, which may play a role in the response to environmental stress. It appears to act upstream of the JUN N-terminal pathway and may also play a role in hematopoietic lineage decisions and growth regulation. HPK1 is expressed primarily in hematopoietic organs, including bone marrow, spleen and thymus. Mutations in the MAP4K1 gene may result in Paget disease. STJ93590 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of HPK1 protein.
Immunogen:	Synthesized peptide derived from human HPK1
Isotype:	IgG

Product Details

Specificity:	HPK1 Polyclonal Antibody detects endogenous levels of HPK1 protein.
Characteristics:	Rabbit polyclonal to HPK1.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	MAP4K1
Alternative Name:	HPK1 (MAP4K1 Products)
Molecular Weight:	91 kDa
Gene ID:	11184
UniProt:	Q92918
Pathways:	TCR Signaling , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	WB 1:500-1:2000 ELISA 1:10000
Comment:	Expressed primarily in hematopoietic organs, including bone marrow, spleen and thymus. Also expressed at very low levels in lung, kidney, mammary glands and small intestine.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.