

HASP Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09817
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase haspin
Synonyms	Serine/threonine-protein kinase haspin ;EC 2.7.11.1;Germ cell-specific gene 2 protein;H-haspin;Haploid germ cell-specific nuclear protein kinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,Required for normal alignment of chromosomes at metaphase. Phosphorylates histone H3 'Thr-3' during mitosis.,PTM:Autophosphorylated on both serine and threonine residues (By similarity). Phosphorylated during mitosis. Phosphorylated upon DNA damage, probably by ATM or ATR.,Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Haspin subfamily.,Contains 1 protein kinase domain.,tissue specificity:Strongly expressed in testis. Also present in thymus and bone marrow and low levels observed in prostate, intestine, lung, spleen and lymph node. Expressed in fetal skin, liver, kidney and small intestine and also in proliferating but not non-proliferating cell lines.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year