

KPB1/2 Antibody

Catalog No: #33776

Package Size: #33776-1 50ul #33776-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

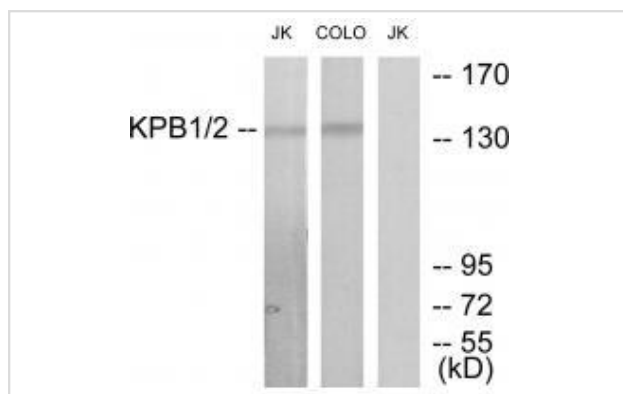
Product Name	KPB1/2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total KPB1/2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human KPB1/2.
Target Name	KPB1/2
Other Names	KPB1; PHKA; Phosphorylase B kinase alpha regulatory chain; skeletal muscle isoform; Phosphorylase kinase alpha M subunit
Accession No.	Swiss-Prot: P46020NCBI Gene ID: 5255/5256
Uniprot	P46020
GeneID	5255;
SDS-PAGE MW	137kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

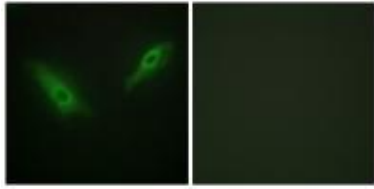
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from Jurkat cells and COLO205 cells, using KPB1/2 antibody #33776.

Immunofluorescence analysis of HeLa cells, using KPB1/2 antibody #33776.



Background

Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.

Wuellrich A., J. Biol. Chem. 268:23208-23214(1993).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Burwinkel B., Eur. J. Hum. Genet. 11:516-526(2003).

Note: This product is for in vitro research use only