

Rabbit anti-Human, Mouse KP2 Polyclonal Antibody | anti-KPB2 antibody

KP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319564	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

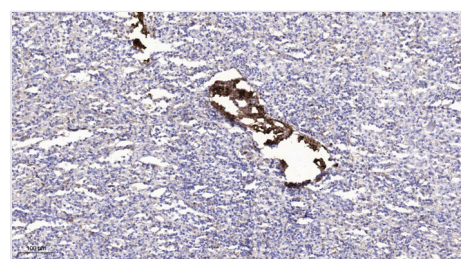
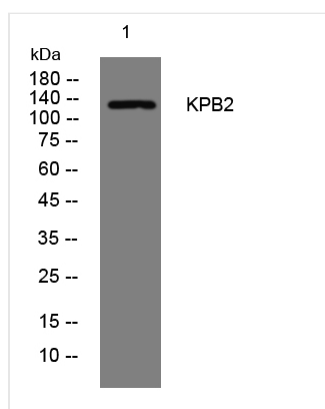
PRODUCT SYNONYMS

KP2; Polyclonal Antibody; KP2 Antibody; anti-KPB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of KP2 at Human/Mouse
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KPB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human KP2 AA range: 911-961
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

WB (Western Blot)

Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL INFORMATION

Related Product Information for anti-KPB2 antibody	Phosphorylase kinase is a polymer of 16 subunits, four each of alpha, beta, gamma and delta. The alpha subunit includes the skeletal muscle and hepatic isoforms, and the hepatic isoform is encoded by this gene. The beta subunit is the same in both the muscle and hepatic isoforms, and encoded by one gene. The gamma subunit also includes the skeletal muscle and hepatic isoforms, which are encoded by two different genes. The delta subunit is a calmodulin and can be encoded by three different genes. The gamma subunits contain the active site of the enzyme, whereas the alpha and beta subunits have regulatory functions controlled by phosphorylation. The delta subunit mediates the dependence of the enzyme on calcium concentration. Mutations in this gene cause glycogen storage disease type 9A, also known as X-linked liver glycogenosis. Alternatively spliced transcript variants have been reported, but the full-length nature of these variants has not been determined.[provided by RefSeq, Feb 2010]
Product Categories/Family for anti-KPB2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505781
NCBI GeneID	5256
NCBI Accession #	NP_000283
NCBI GenBank Nucleotide #	NM_000292
UniProt Accession #	P46019; Q6LAJ5; Q7Z6W0; Q96CR3; Q9UDA1; A8K1T1
Molecular Weight	138,408 Da
NCBI Official Full Name	phosphorylase b kinase regulatory subunit alpha, liver isoform
NCBI Official Synonym Full Names	phosphorylase kinase, alpha 2 (liver)
NCBI Official Symbol	PHKA2
NCBI Official Synonym Symbols	PHK; PYK; XLG; PYKL; XLG2; GSD9A
NCBI Protein Information	phosphorylase b kinase regulatory subunit alpha, liver isoform; phosphorylase b kinase regulatory subunit alpha liver isoform; phosphorylase kinase alpha L subunit; phosphorylase kinase alpha-subunit
UniProt Protein Name	Phosphorylase b kinase regulatory subunit alpha, liver isoform
UniProt Gene Name	PHKA2
UniProt Synonym Gene Names	PHKLA; PYK; Phosphorylase kinase alpha L subunit
UniProt Entry Name	KPB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kpb2-antibody-immunohistochemistry-western-blot-elisa/319564>