

PFKFB2 Antibody | anti-PFKFB2 antibody

PFKFB2 (Phospho-Ser483) Antibody

CATALOG # AAA111862	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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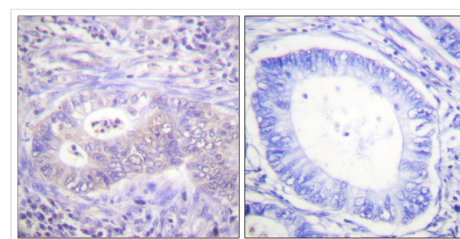
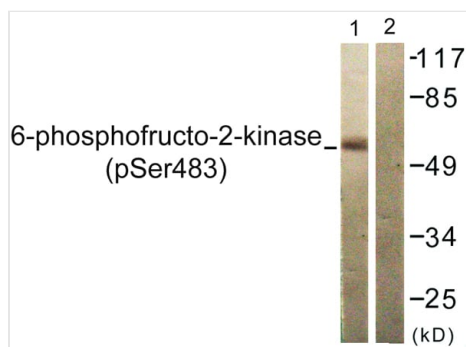
PRODUCT SYNONYMS

PFKFB2; PFKFB2 (Phospho-Ser483) Antibody; 6-phosphofructo-2-kinase; 6-phosphofructo-2-kinase/fructose-2; 6-biphosphatase 2; 6PF-2-K/Fru-2; 6-P2ase heart-type isozyme; F262; PFK-2/FBPase-2; heart type; fructose-2; 6-bisphosphatase; anti-PFKFB2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PFKFB2 (Phospho-Ser483) antibody detects endogenous levels of PFKFB2 only when phosphorylated at serine 483.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	471
Applicable Applications for anti-PFKFB2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PFKFB2 around the phosphorylation site of serine 483 (N-Y-SP-V-G).
All Sites	Human: Ser483 Mouse: Ser486 Rat: Ser486
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PFKFB2 (Phospho-Ser483) antibody. Western blot analysis of extracts from 293 cells, treated with Heat shock, using PFKFB2 (Phospho-Ser483) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PFKFB2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	SJ Pilkis, J. Biol. Chem., May 1983; 258: 6135-6141. Tsuyoshi Furumoto, Plant Cell Physiol., Oct 2001; 42: 1044-1048. AD Colosia, J. Biol. Chem., Dec 1988; 263: 18669-18677. MR el-Maghrabi, J. Biol. Chem., Aug 1987; 262: 11714-11720.

NCBI AND UNIPROT INFORMATION

NCBI GI #	64762445
NCBI GeneID	5208
NCBI Accession #	NP_001018063.1
NCBI GenBank Nucleotide #	NM_001018053.1
UniProt Accession #	O60825; O60824; Q5VVQ3; Q5VVQ4; Q9H3P1
Molecular Weight	54,406 Da
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 isoform b
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2
NCBI Official Symbol	PFKFB2
NCBI Official Synonym Symbols	PFK-2/FBPase-2
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2
UniProt Gene Name	PFKFB2
UniProt Synonym Gene Names	6PF-2-K/Fru-2,6-P2ase 2; PFK/FBPase 2

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.