

Rabbit PFKFB3 Polyclonal Antibody | anti-PFKFB3 antibody

PFKFB3 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200627	Rabbit	Tested Species: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

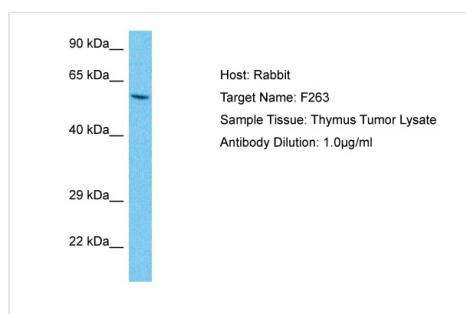
PRODUCT SYNONYMS

PFKFB3; Polyclonal Antibody; PFKFB3 Antibody - C-terminal region; UBC; EGFR; ASB12; EIF4A3; MAGOH; ARRB2; ARRB1; ELAVL1; CUL2;; anti-PFKFB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: VE SVCTHRESE DAKKGNPLM RRNSVTPLAS PEPTKKPRIN SFEEHVAS
Sequence Length	520
Applicable Applications for anti-PFKFB3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human F263
Protein Size (#AA)	520 amino acids
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit
Target Name: F263
Sample Type: Thymus Tumor Lysates
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PFKFB3 antibody	Target Description: The protein encoded by this gene belongs to a family of bifunctional proteins that are involved in both the synthesis and degradation of fructose-2,6-bisphosphate, a regulatory molecule that controls glycolysis in eukaryotes. The encoded protein has a 6-phosphofructo-2-kinase activity that catalyzes the synthesis of fructose-2,6-bisphosphate (F2,6BP), and a fructose-2,6-biphosphatase activity that catalyzes the degradation of F2,6BP. This protein is required for cell cycle progression and prevention of apoptosis. It functions as a regulator of cyclin-dependent kinase 1, linking glucose metabolism to cell proliferation and survival in tumor cells. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PFKFB3 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	224282149
NCBI GeneID	5209
NCBI Accession #	NP_001138915.1
NCBI GenBank Nucleotide #	NM_001145443.2
UniProt Accession #	Q16875
Molecular Weight	57kDa
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 isoform 2
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
NCBI Official Symbol	PFKFB3
NCBI Official Synonym Symbols	PFK2; IPFK2; iPFK-2
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
UniProt Gene Name	PFKFB3
UniProt Synonym Gene Names	6PF-2-K/Fru-2,6-P2ase 3
UniProt Entry Name	F263_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.