

Rabbit anti-Human, mouse GALK1 Polyclonal Antibody | anti-GALK1 antibody

GALK1 Antibody (C-term)

CATALOG # AAA285631	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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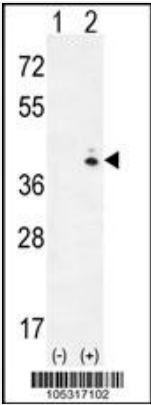
PRODUCT SYNONYMS

GALK1; Polyclonal Antibody; GALK1 Antibody (C-term); Galactokinase; Galactose kinase; GALK; anti-GALK1 antibody

PRODUCT SPECIFICATIONS

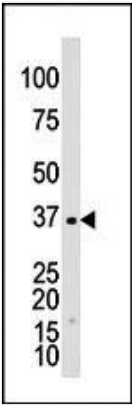
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GALK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 345-375 amino acids from the C-terminal region of human GALK1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	345-375
Sequence Length	422
Applicable Applications for anti-GALK1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of GALK1 (arrow) using rabbit polyclonal hGALK1-A360. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GALK1 gene.



WB (Western Blot)

The anti-GALK1 Pab is used in Western blot to detect GALK1 in Y79 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GALK1 antibody	Galactokinase is a major enzyme for the metabolism of galactose and its deficiency causes congenital cataracts in the adult population. GALK1 sequence shares the greatest level of conservation, 44.5% identity with that from E. coli and 34.6% amino acid identity with the product of the human GALK2 gene.
Product Categories/Family for anti-GALK1 antibody	Cancer; Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503895
NCBI GeneID	2584
NCBI Accession #	NP_000145.1
NCBI GenBank Nucleotide #	NM_000154.1
UniProt Accession #	P51570; B2RC07; B4E1G6
Molecular Weight	42272
NCBI Official Full Name	galactokinase
NCBI Official Synonym Full Names	galactokinase 1
NCBI Official Symbol	GALK1
NCBI Official Synonym Symbols	GK1; GALK; HEL-S-19
NCBI Protein Information	galactokinase
UniProt Protein Name	Galactokinase
UniProt Gene Name	GALK1
UniProt Synonym Gene Names	GALK
UniProt Entry Name	GALK1_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.