

Rabbit GALK1 Polyclonal Antibody | anti-GALK1 antibody

GALK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320998	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

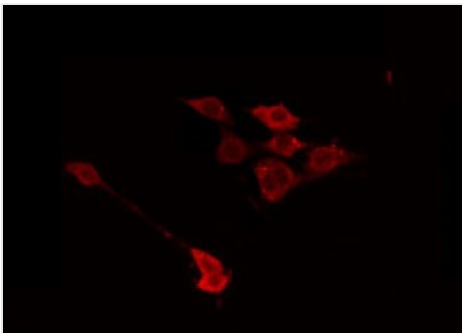
PRODUCT SYNONYMS

GALK1; Polyclonal Antibody; GALK1 Antibody; EC 2.7.1.6; epididymis secretory protein Li 19; Galactokinase 1; Galactokinase; Galactose kinase; GALK 1; GALK; GALK1_HUMAN; GK1; GLK; GLK1; HEL-S-19; anti-GALK1 antibody

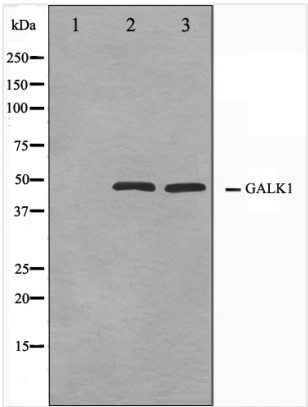
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GALK1 antibody detects endogenous levels of total GALK1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	392
Applicable Applications for anti-GALK1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GALK1
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA320998 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis on NIH-3T3 and HeLa cell lysate using GALK1 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GALK1 antibody	Description: GALK1 Major enzyme for galactose metabolism. Belongs to the GHMP kinase family. GalK subfamily. Function: Major enzyme for galactose metabolism. Subunit Structure: Homodimer. Similarity: Belongs to the GHMP kinase family. GalK subfamily.
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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	Observed: 45 kDa Predicted: 43 kDa
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

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.