

GALK1 Polyclonal Antibody

Catalog NumberPA5-28176

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *1:500-1:3,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant fragment corresponding to a region within amino acids 134 and 392 of Human GALK1		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.7 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

**Product specific information**

Recommended positive controls: U87-MG, Huh7, HepG2. Predicted reactivity: Mouse (88%), Rat (87%), Dog (89%), Bovine (90%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

**Background/Target Information**

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.

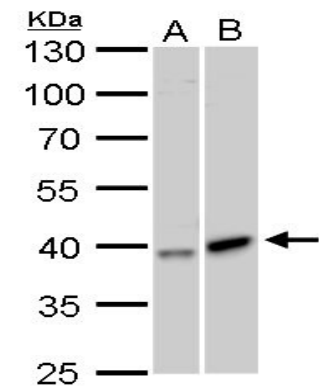
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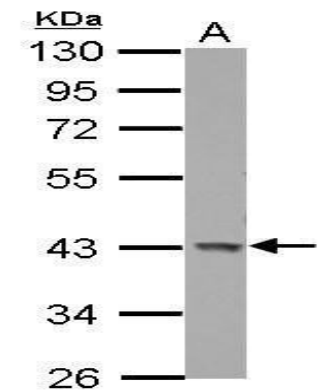
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Product Images For GALK1 Polyclonal Antibody



**GALK1 Antibody (PA5-28176) in WB**  
GALK1 Polyclonal Antibody detects GALK1 protein by Western blot analysis. A. 30 µg Huh7 whole cell lysate/extract. B. 30 µg HepG2 whole cell lysate/extract. 10 % SDS-PAGE. GALK1 Polyclonal Antibody (Product # PA5-28176) dilution: 1:1,000.



**GALK1 Antibody (PA5-28176) in WB**  
Western Blot using GALK1 Polyclonal Antibody (Product # PA5-28176). Sample (30 µg of whole cell lysate). Lane A: U87-MG. 10% SDS PAGE. GALK1 Polyclonal Antibody (Product # PA5-28176) diluted at 1:1,000.

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