



Anti-GALK1 (aa 181-279) polyclonal antibody (DPAB-DC1248)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Galactokinase is a major enzyme for the metabolism of galactose and its deficiency causes congenital cataracts during infancy and presenile cataracts in the adult population.
Immunogen	GALK1 (NP_000145, 181 a.a. ~ 279 a.a) partial recombinant protein with GST tag. The sequence is PCGIMDQFISLMGQKGHALLIDCRSLETSLVPLSDPKLAVLITNSNVRHSLASSEYPVRR RQCEEVARALGKESLREVQLEEEAARDLVSKEGFRRAR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GALK1 galactokinase 1 [Homo sapiens (human)]
Official Symbol	GALK1

Synonyms	GALK1; galactokinase 1; GK1; GALK; HEL-S-19; galactokinase; galactose kinase; epididymis secretory protein Li 19;
Entrez Gene ID	2584
Protein Refseq	NP_000145
UniProt ID	P51570
Chromosome Location	17q24
Pathway	Amino sugar and nucleotide sugar metabolism; Disease; Galactose degradation, Leloir pathway, galactose => Galactose degradation, Leloir pathway, galactose =>
Function	ATP binding; galactokinase activity; galactose binding;