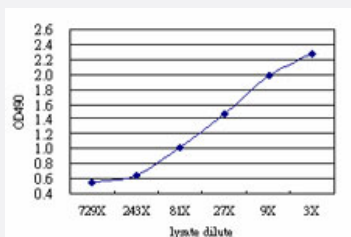


GLB1 (Human) Matched Antibody Pair

Catalog # H00002720-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the GLB1 293T overexpression lysate (non-denatured).

Specification

Product Description

This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human GLB1.

Reactivity

Human

Quality Control Testing

Standard curve using GLB1 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the GLB1 293T overexpression lysate (non-denatured).

Supplied Product

Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-GLB1 (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-GLB1 (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

Gene Info — GLB1

Entrez GeneID	2720
Gene Name	GLB1
Gene Alias	EBP, ELNR1
Gene Description	galactosidase, beta 1
Omim ID	230500 611458
Gene Ontology	Hyperlink
Gene Summary	This gene encodes beta-galactosidase-1, a lysosomal enzyme that hydrolyzes the terminal beta-galactose from ganglioside substrates and other glycoconjugates. Defects in this gene are the cause of GM1-gangliosidosis and Morquio B syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	elastin receptor 1, 67kDa

Pathway

- [Galactose metabolism](#)
- [Glycosaminoglycan degradation](#)
- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Lysosome](#)
- [Metabolic pathways](#)
- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)

Disease

- [Tobacco Use Disorder](#)