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# GLB1 Antibody (N-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP17547a**

## Specification

### GLB1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P16278

### GLB1 Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID** 2720

**Other Names**
Beta-galactosidase, Acid beta-galactosidase, Lactase, Elastin receptor 1, GLB1, ELNR1

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### GLB1 Antibody (N-term) Blocking Peptide - Protein Information

**Name** GLB1

**Synonyms** ELNR1

**Function**
[Isoform 1]: Cleaves beta-linked terminal galactosyl residues from gangliosides, glycoproteins, and glycosaminoglycans.

**Cellular Location**
[Isoform 1]: Lysosome

**Tissue Location**
Detected in placenta (at protein level) (PubMed:8383699). Detected in fibroblasts and testis (PubMed:2511208)

### GLB1 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

**GLB1 Antibody (N-term) Blocking Peptide - Images**

**GLB1 Antibody (N-term) Blocking Peptide - Background**

This gene encodes beta-galactosidase-1, a lysosomal enzymethat hydrolyzes the terminal beta-galactose from gangliosidesubstrates and other glycoconjugates. Defects in this gene are thecause of GM1-gangliosidosis and Morquio B syndrome. Multipletranscript variants encoding different isoforms have been found forthis gene.

**GLB1 Antibody (N-term) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010)Antonicelli, F., et al. Wound Repair Regen 17(5):631-638(2009)Hofer, D., et al. Hum. Mutat. 30(8):1214-1221(2009)Mayer, F.Q., et al. Mol. Genet. Metab. 96 (3), 148 (2009) :