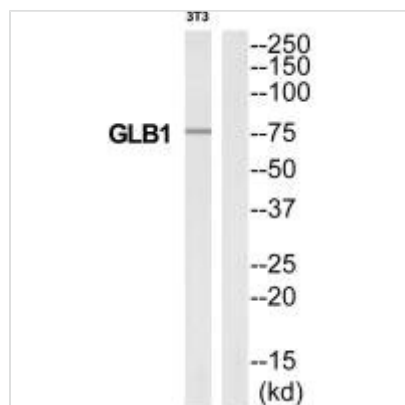




GLB1 Antibody

Product Code	CSB-PA146106
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16278
Immunogen	Synthesized peptide derived from internal of Human GLB1.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total GLB1 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Cleaves beta-linked terminal galactosyl residues from gangliosides, glycoproteins, and glycosaminoglycans. soform 2 has no beta-galactosidase catalytic activity, but plays functional roles in the formation of extracellular elastic fibers (elastogenesis) and in the development of connective tissue. Seems to be identical to the elastin-binding protein (EBP), a major component of the non-integrin cell surface receptor expressed on fibroblasts, smooth muscle cells, chondroblasts, leukocytes, and certain cancer cell types. In elastin producing cells, associates with tropoelastin intracellularly and functions as a recycling molecular chaperone which facilitates the secretions of tropoelastin and its assembly into elastic fibers. Oshima A., Biochem. Biophys. Res. Commun. 157:238-244(1988) [PubMed: 3143362]. Morreau H., J. Biol. Chem. 264:20655-20663(1989) [PubMed: 2511208]. Yamamoto Y., DNA Cell Biol. 9:119-127(1990) [PubMed: 2111707].
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Beta-galactosidase; EC=3.2.1.23; Acid beta-galactosidase; Lactase; Elastin receptor 1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	GLB1
Image	



Western blot analysis of extracts from 3T3 cells, using GLB1 antibody.