



Anti-CTSA monoclonal antibody (DCABH-11164)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a glycoprotein which associates with lysosomal enzymes beta-galactosidase and neuraminidase to form a complex of high molecular weight multimers. The formation of this complex provides a protective role for stability and activity. Deficiencies in this gene are linked to multiple forms of galactosialidosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	A synthetic peptide of human CTSA is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CTSA cathepsin A \[Homo sapiens \]](#)

Official Symbol	CTSA
Synonyms	CTSA; cathepsin A; GSL, PPGB, protective protein for beta galactosidase (galactosialidosis); lysosomal protective protein; carboxypeptidase C; carboxypeptidase Y like kininase; carboxypeptidase L; deamidase; lysosomal carboxypeptidase A; urinary kininase; carboxypeptidase-L; beta-galactosidase 2; protective protein cathepsin A; carboxypeptidase Y-like kininase; beta-galactosidase protective protein; GSL; GLB2; NGBE; PPCA; PPGB;
Entrez Gene ID	5476
Protein Refseq	NP_000299
UniProt ID	P10619
Chromosome Location	20q13.12
Pathway	Glycosphingolipid metabolism, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system, conserved biosystem;
Function	carboxypeptidase activity; enzyme activator activity; peptidase activity; serine-type carboxypeptidase activity;