



Anti-NEU2 (aa 180-268) polyclonal antibody (DPAB-DC2016)

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

PRODUCT INFORMATION

Antigen Description	This gene belongs to a family of glycohydrolitic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Expression studies in COS7 cells confirmed that this gene encodes a functional sialidase. Its cytosolic localization was demonstrated by cell fractionation experiments.
Immunogen	NEU2 (NP_005374, 180 a.a. ~ 268 a.a) partial recombinant protein with GST tag. The sequence is AYRKLHPIQRPIPSAFCFLSHDHGRTWARGHFVAQDTLECQVAEVETGEQRRVVTLNARSH LRARVQAQSTNDGLDFQESQLVKKLVEPP
Source/Host	Mouse
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB (Tissue 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 [NEU2 sialidase 2 \(cytosolic sialidase\) \[Homo sapiens \(human\) \]](#)

Official Symbol	NEU2
Synonyms	NEU2; sialidase 2 (cytosolic sialidase); SIAL2; sialidase-2; neuraminidase 2; cytosolic sialidase; N-acetyl-alpha-neuraminidase 2;
Entrez Gene ID	4759
Protein Refseq	NP_005374
UniProt ID	Q9Y3R4
Chromosome Location	2q37
Pathway	Asparagine N-linked glycosylation; Glycosphingolipid metabolism; Metabolism of lipids and lipoproteins; Other glycan degradation.
Function	exo-alpha-(2->3)-sialidase activity; exo-alpha-(2->6)-sialidase activity; exo-alpha-(2->8)-sialidase activity;