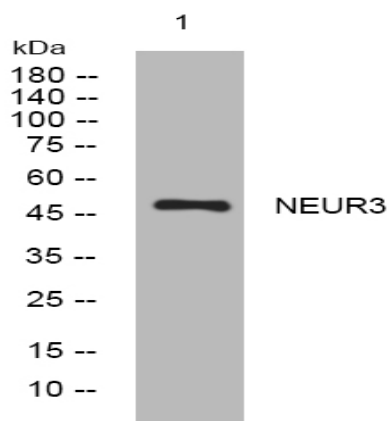


NEUR3 rabbit pAb

Catalog No :	YT6735
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	NEUR3
Fields :	>>Other glycan degradation;>>Sphingolipid metabolism;>>Metabolic pathways
Gene Name :	NEU3
Protein Name :	NEUR3
Human Swiss Prot No :	Q9UQ49
Mouse Gene Id :	50877
Mouse Swiss Prot No :	Q9JMH7
Rat Gene Id :	117185
Rat Swiss Prot No :	Q99PW5
Immunogen :	Synthesized peptide derived from human NEUR3 AA range: 132-182
Specificity :	This antibody detects endogenous levels of NEUR3 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	47kD
Background :	This gene product belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. It is localized in the plasma membrane, and its activity is specific for gangliosides. It may play a role in modulating the ganglioside content of the lipid bilayer. [provided by RefSeq, Jul 2008],
Function :	catalytic activity:Hydrolysis of alpha-(2->3)-, alpha-(2->6)-, alpha-(2->8)-glycosidic linkages of terminal sialic acid residues in oligosaccharides, glycoproteins, glycolipids, colominic acid and synthetic substrates.,function:Plays a role in modulating the ganglioside content of the lipid bilayer at the level of membrane-bound sialyl glycoconjugates.,similarity:Belongs to the glycosyl hydrolase 33 family.,similarity:Contains 3 BNR repeats.,tissue specificity:Highly expressed in skeletal muscle, testis, adrenal gland and thymus, followed by pancreas, liver, heart and thymus. Weakly expressed in kidney, placenta, brain and lung.,
Subcellular Location :	Cell membrane ; Peripheral membrane protein . Membrane, caveola . Early endosome membrane ; Peripheral membrane protein . Recycling endosome membrane ; Peripheral membrane protein . Lysosome membrane ; Peripheral membrane protein . Associates with the external leaflet of the plasma membrane (By similarity). S-acylated NEU3 likely spans the lipid bilayer with a portion of C-terminus exposed to the cytosol and the catalytic region facing the extracellular space (PubMed:28646141). .
Expression :	Highly expressed in skeletal muscle, testis, adrenal gland and thymus, followed by pancreas, liver, heart and thymus. Weakly expressed in kidney, placenta, brain and lung.

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night