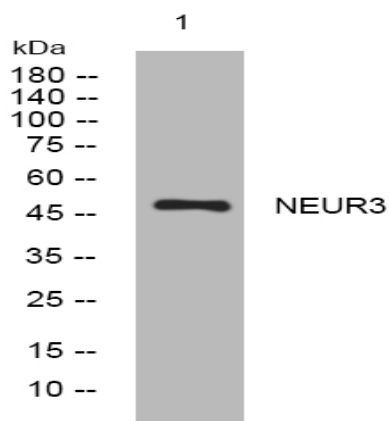


NEUR3 rabbit pAb

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.
Sort :	10696
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



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