

## **NEUR2** rabbit pAb

Catalog No: YT7217

**Reactivity:** Human; Mouse; Rat

**Applications:** WB

Target: NEUR2

**Fields:** >>Other glycan degradation;>>Sphingolipid metabolism;>>Metabolic pathways

Gene Name: NEU2

Protein Name: NEUR2

Human Gene Id: 4759

**Human Swiss Prot** 

No:

Mouse Gene ld: 23956

Q9Y3R4

Q9JMH3

**Mouse Swiss Prot** 

No:

Rat Swiss Prot No: Q64627

Immunogen: Synthesized peptide derived from human NEUR2 AA range: 69-119

**Specificity:** This antibody detects endogenous levels of NEUR2 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: 42kD

**Background:** This gene belongs to a family of glycohydrolytic 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. [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: Hydrolyzes sialylated compounds., similarity: Belongs to the

glycosyl hydrolase 33 family., similarity: Contains 2 BNR repeats., tissue

specificity:Expressed in skeletal muscle, fetal liver and embryonic carcinoma cell

line NT2D1.,

Subcellular Location :

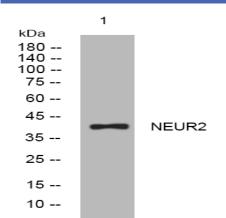
Cytoplasm, cytosol.

**Expression:** 

Expressed in skeletal muscle, fetal liver and embryonic carcinoma cell line

NT2-D1.

## **Products Images**



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