# NEU1 antibody

Catalog No: #38805

SAB Signalway Antibody

Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Package Size: #38805-1 50ul #38805-2 100ul

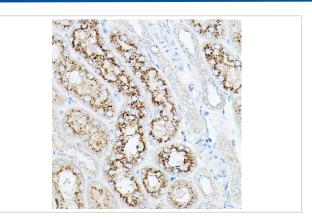
#### Description **Product Name** NEU1 antibody **Host Species** Rabbit Polyclonal Clonality Isotype IgG Purification Affinity purification Applications WB,IHC Species Reactivity Human, Mouse, Rat Specificity The antibody detects endogenous level of total NEU1 protein. Immunogen Type Recombinant Protein Immunogen Description Recombinant fusion protein of human NEU1 (NP\_000425.1). **Target Name** NEU1 Other Names NEU1;NANH;NEU;SIAL1 Accession No. Uniprot:Q99519GeneID:4758 Q99519 Uniprot 4758 GeneID SDS-PAGE MW 45KDa Concentration 1.2mg/mL Formulation PBS with 0.02% sodium azide,50% glycerol,pH7.3. Storage Store at -20°C. Avoid freeze / thaw cycles.

### **Application Details**

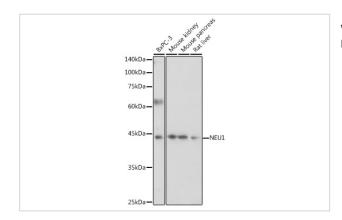
WB 1:500 - 1:1000

IHC 1:50 - 1:200

### **Images**



Immunohistochemistry of paraffin-embedded mouse kidney using NEU1 Rabbit pAb.



Western blot analysis of extracts of various cell lines, using NEU1 antibody.

## Background

The protein encoded by this gene is a lysosomal enzyme that cleaves terminal sialic acid residues from substrates such as glycoproteins and glycolipids. In the lysosome, this enzyme is part of a heterotrimeric complex together with beta-galactosidase and cathepsin A (the latter is also referred to as 'protective protein'). Mutations in this gene can lead to sialidosis, a lysosomal storage disease that can be type 1 (cherry red spot-myoclonus syndrome or normosomatic type), which is late-onset, or type 2 (the dysmorphic type), which occurs at an earlier age with increased severity.

Note: This product is for in vitro research use only