

NEU4 Polyclonal Antibody

Catalog number: 12995-1-AP

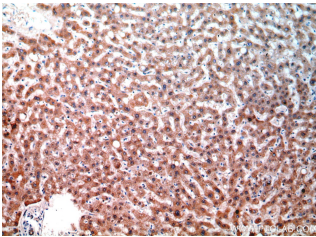
Size: 52 µg/150 µl

Source: Rabbit

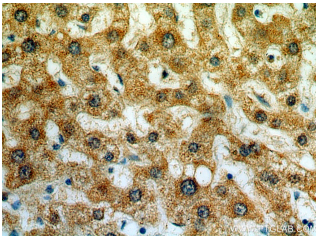
Isotype: IgG

Synonyms:

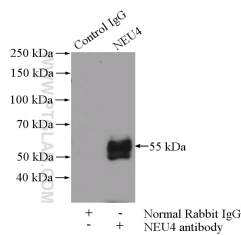
NEU4; N acetyl alpha
neuraminidase 4, NEU4,
sialidase 4



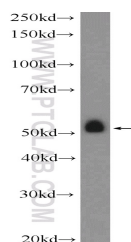
Immunohistochemical of paraffin-embedded human liver using 12995-1-AP(NEU4 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human liver using 12995-1-AP(NEU4 antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-NEU4 (IP:12995-1-AP, 4µg; Detection:12995-1-AP 1:500) with L02 cells lysate 1400µg.



L02 cells were subjected to SDS PAGE followed by western blot with 12995-1-

Background

NEU4, also named as LP5125, belongs to a family of glycohydrolytic enzymes, which remove terminal sialic acid residues from various sialo derivatives, such as glycoproteins, glycolipids, oligosaccharides, and gangliosides. It may function in lysosomal catabolism of sialylated glycoconjugates. NEU4 has a broad substrate specificity being active on glycoproteins, oligosaccharides and sialylated glycolipids.

Applications

Tested applications:	ELISA, IHC, WB, IP
Cited applications:	IF, IP, WB
Species specificity:	Human; other species not tested.
Cited species:	Human, mouse, rat
Calculated NEU4 MW:	496aa,53 kDa
Observed NEU4 MW:	52-55 kDa
Positive WB detected in	L02 cells
Positive IP detected in	L02 cells
Positive IHC detected in	Human liver tissue
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3657
GenBank accession number:	BC012899
Gene ID (NCBI):	129807
Full name:	Sialidase 4

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**AP(NEU4 Antibody) at
dilution of 1:1000**