

GALNS Rabbit Polyclonal Antibody



CAB5461

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

55kDa

Calculated MW:

58kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder.

Immunogen information

Gene ID:

2588

Uniprot

P34059

Synonyms:

GALNS; GALNAC6S; GAS; GalN6S; MPS4A

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

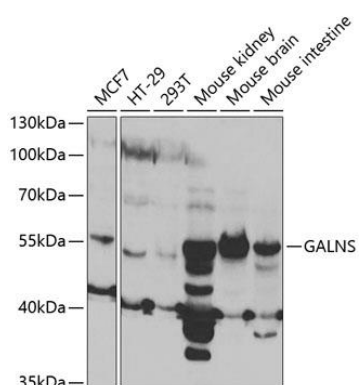
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 353-522 of human GALNS (NP_000503.1).

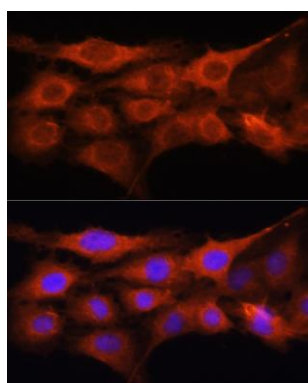
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

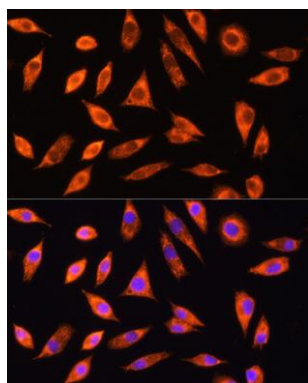
Product Images



Western blot analysis of extracts of various cell lines, using GALNS antibody (CAB5461) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunofluorescence analysis of C6 cells using GALNS Rabbit pAb (CAB5461) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using GALNS Rabbit pAb (CAB5461) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.