

**GALC polyclonal antibody**

Catalog: BS71412

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a lysosomal protein which hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine, lactosylceramide, and monogalactosyldiglyceride. Mutations in this gene have been associated with Krabbe disease, also known as globoid cell leukodystrophy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

77kDa

Swiss-Prot:

P54803

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IHC,1:50 - 1:100|IF/ICC,1:20 - 1:100

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Category:

Polyclonal Antibodies

DATA:

Western blot analysis of extracts of various cell lines, using GALC antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 90s.

Immunohistochemistry of paraffin-embedded human kidney using GALC Rabbit pAb at dilution of 1:250 .Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Immunofluorescence analysis of A-549 cells using GALC Rabbit pAb at dilution of 1:250 . Blue: DAPI for nuclear staining.

Immunofluorescence analysis of HeLa cells using GALC Rabbit pAb at dilution of 1:250 . Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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