

For Research Use Only

# NHS Polyclonal antibody

Catalog Number: 31487-1-AP



## Basic Information

**Catalog Number:**

31487-1-AP

**Size:**

150ul, Concentration: 450 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG34757

**GenBank Accession Number:**

BC136415

**GeneID (NCBI):**

4810

**UNIPROT ID:**

Q6T4R5

**Full Name:**

Nance-Horan syndrome (congenital cataracts and dental anomalies)

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

IHC: 1:50-1:500

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

IHC : human liver tissue,

## Background Information

NHS (Nance-Horan syndrome protein), also named Actin remodeling regulator NHS, may function in cell morphology by maintaining the integrity of the circumferential actin ring and controlling lamellipod formation. Involved in the regulation eye, tooth, brain, and craniofacial development (PMID: 20332100).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

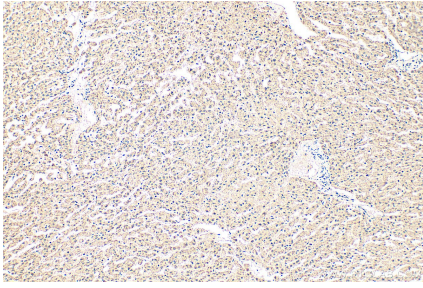
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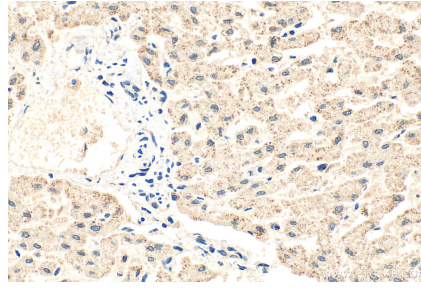
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 31487-1-AP (NHS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 31487-1-AP (NHS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).