

Rabbit Nance-Horan Syndrome Protein Polyclonal Antibody | anti-NHS antibody

Nance-Horan Syndrome Protein Polyclonal Antibody

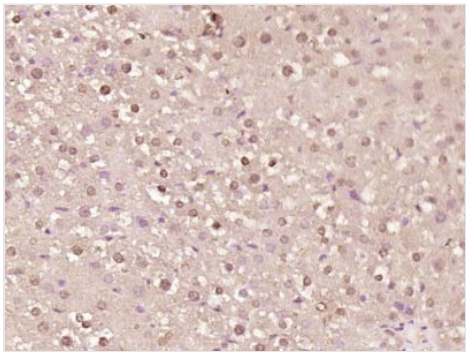
CATALOG # AAA291821	HOST Rabbit	REACTIVITY Rat, Pig, Dog, Bovine	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

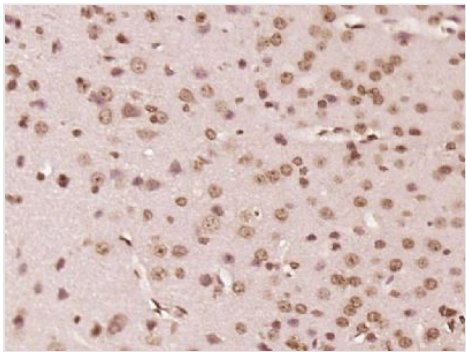
Nance-Horan Syndrome Protein; Polyclonal Antibody; Nance-Horan Syndrome Protein Polyclonal Antibody; Nance-Horan syndrome protein; Congenital cataracts and dental anomalies protein; NHS; anti-NHS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Pig, Dog, Bovine
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce
Applicable Applications for anti-NHS antibody	IHC (Immunohistochemistry)
Function	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.
Cellular location	[Isoform 1]: Apical cell membrane; Peripheral membrane protein. Cell projection, lamellipodium. Cell junction, tight junction. Cell junction, focal adhesion. Note=Colocalizes with the tight junction protein TJP1 in epithelial cells. Localizes to the leading edge of lamellipodia in motile cells
Tissue location	Detected at low levels in all tissues analyzed. Detected in fetal and adult brain, lens, retina, retinal pigment epithelium, placenta, lymphocytes and fibroblasts. Levels in retinal pigment epithelium, placenta, lymphocytes, and fibroblasts are very low. Expressed also in kidney, lung and thymus.
Preparation and Storage	Store at -20 degree for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 degree.



IHC (Immunohistochemistry)
Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 degree C for 30min; Antibody incubation with (Nance-Horan Syndrome Protein) Polyclonal Antibody, Unconjugated (bs-19007R) at 1:400 overnight at 4 degree C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



IHC (Immunohistochemistry)
Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 degree C for 30min; Antibody incubation with (Nance-Horan Syndrome Protein) Polyclonal Antibody, Unconjugated (bs-19007R) at 1:400 overnight at 4 degree C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862849
NCBI GeneID	4810
NCBI Accession #	NP_001129496.1
NCBI GenBank Nucleotide #	NM_001136024.3
UniProt Accession #	Q6T4R5; Q5J7Q0; Q5J7Q1; Q68DR5; B7ZVX8; E2DH69
Molecular Weight	Calculated MW: 179135
NCBI Official Full Name	Nance-Horan syndrome protein isoform 2
NCBI Official Synonym Full Names	Nance-Horan syndrome (congenital cataracts and dental anomalies)
NCBI Official Symbol	NHS
NCBI Official Synonym Symbols	CXN; SCML1; CTRCT40
NCBI Protein Information	Nance-Horan syndrome protein; congenital cataracts and dental anomalies protein
UniProt Protein Name	Nance-Horan syndrome protein
UniProt Gene Name	NHS
UniProt Entry Name	NHS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.