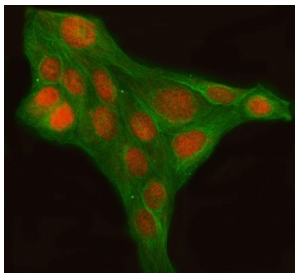
LHX6 Antibody / LIM homeobox protein 6 (RQ8355)

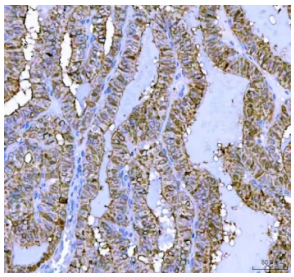
Catalog No.	Formulation	Size
RQ8355	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

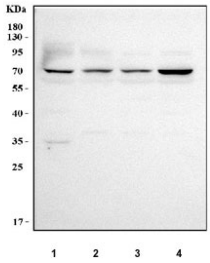
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UPM6
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This LHX6 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with LHX6 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE human thyroid cancer tissue with LHX6 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HeLa, 2) 293T, 3) HepG2 and 4) Caco-2 cell lysate with LHX6 antibody. Predicted molecular weight: 38-43 kDa (multiple isoforms) but can be observed at higher molecular weights when complexed with PITX2.

Description

LIM/homeobox protein Lhx6 is a protein that in humans is encoded by the LHX6 gene. This gene encodes a member of a large protein family that contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein has tandem LIM domains as well as a DNA-binding homeodomain. The protein functions as a transcription factor involved in embryogenesis and head development and is highly expressed in neural crest derived mesenchyme cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Application Notes

Optimal dilution of the LHX6 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (C8-Y363) was used as the immunogen for the LHX6 antibody.

Storage

After reconstitution, the LHX6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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