



Nicalin Polyclonal Antibody

Catalog No	YP-Ab-04040
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	NCLN
Immunogen	The antiserum was produced against synthesized peptide derived from human NCLN. AA range:474-523
Specificity	Nicalin Polyclonal Antibody detects endogenous levels of Nicalin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NCLN;Nicalin;nicalin homolog (zebrafish);Nicastrin like protein;Nicastrin-like protein
Observed Band	63kD
Calculated Molecular Weight	63kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass membrane protein .
Tissue Specificity	Highly expressed in pancreas and skeletal muscle and, at lower levels, in heart.
Function	function:May antagonize Nodal signaling and subsequent organization of axial structures during mesodermal patterning.,similarity:Belongs to the nicastrin family.,subunit:Interacts with NOMO2. Due to the strong similarity between NOMO1, NOMO2 and NOMO3, it probably also interacts with NOMO1 and NOMO3. Participates in a large protein complex, which is not related to the gamma-secretase complex.,tissue specificity:Highly expressed in pancreas and skeletal muscle and, at lower levels, in heart.,
Background	function:May antagonize Nodal signaling and subsequent organization of axial structures during mesodermal patterning.,similarity:Belongs to the nicastrin family.,subunit:Interacts with NOMO2. Due to the strong similarity between



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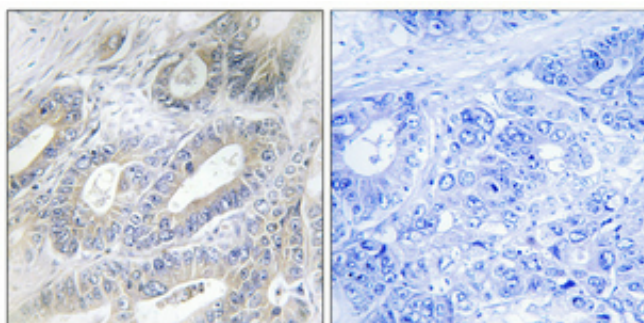
matters needing attention

Avoid repeated freezing and thawing!

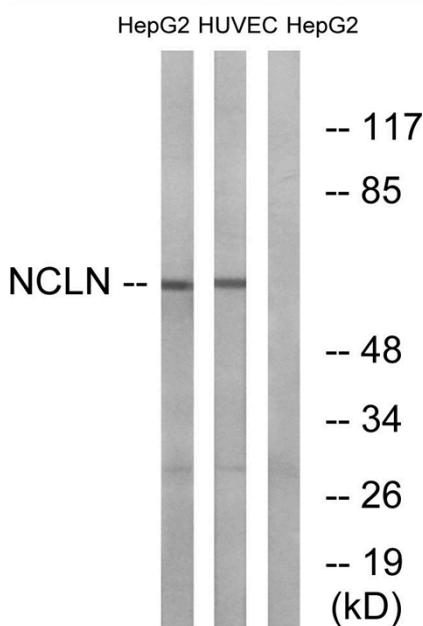
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from HepG2 and HUVEC cells, using NCLN Antibody. The lane on the right is blocked with the synthesized peptide.