

Anti-Wnt2 Picoband Antibody
Catalog # ABO12150

Specification

Anti-Wnt2 Picoband Antibody - Product Information

Application	WB
Primary Accession	P09544
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Protein Wnt-2(WNT2) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Wnt2 Picoband Antibody - Additional Information

Gene ID 7472

Other Names

Protein Wnt-2, Int-1-like protein 1, Int-1-related protein, IRP, WNT2, INT1L1, IRP

Calculated MW

40418 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Secreted, extracellular space, extracellular matrix.

Tissue Specificity

Expressed in brain in the thalamus, in fetal and adult lung and in placenta. .

Protein Name

Protein Wnt-2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human Wnt2 (56-81aa HRHPDVMRAISQGVAEWTAECQHQR), different from the related mouse sequence by two amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-Wnt2 Picoband Antibody - Protein Information

Name WNT2

Synonyms INT1L1, IRP

Function

Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family (PubMed: <http://www.uniprot.org/citations/20018874> target="_blank">20018874). Functions as a upstream regulator of FGF10 expression. Plays an important role in embryonic lung development. May contribute to embryonic brain development by regulating the proliferation of dopaminergic precursors and neurons (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted

Tissue Location

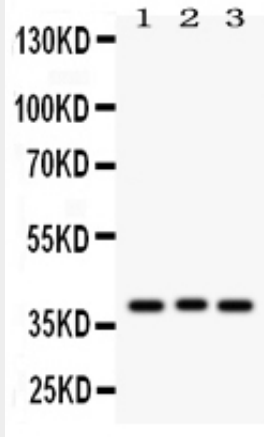
Expressed in brain in the thalamus, in fetal and adult lung and in placenta.

Anti-Wnt2 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Wnt2 Picoband Antibody - Images



Anti-WNT2 Picoband antibody, ABO12150, Western blotting All lanes: Anti WNT2 (ABO12150) at 0.5ug/ml
Lane 1: COLO320 Whole Cell Lysate at 40ug
Lane 2: MCF-7 Whole Cell Lysate at 40ug
Lane 3: HELA Whole Cell Lysate at 40ug
Predicted bind size: 40KD
Observed bind size: 40KD

Anti-Wnt2 Picoband Antibody - Background

WNT2, also known as Wingless-type MMTV integration site family, member 2, is a human gene. This gene is a member of the WNT gene family. The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Alternatively spliced transcript variants have been identified for this gene.