

Anti-Jagged 2 Picoband Antibody Catalog # ABO11946

Specification

Anti-Jagged 2 Picoband Antibody - Product Information

Application	WB
Primary Accession	O9Y219
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Protein jagged-2(JAG2) detection. Tested with WB in Human;Rat.

Reconstitution

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

Anti-Jagged 2 Picoband Antibody - Additional Information

Gene ID 3714

Other Names

Protein jagged-2, Jagged2, hj2, JAG2

Calculated MW

133367 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, Rat

Subcellular Localization

Membrane; Single-pass type I membrane protein.

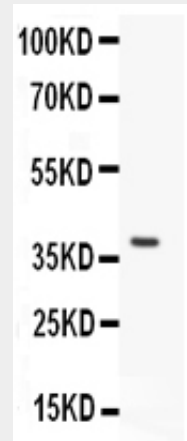
Tissue Specificity

Expressed in heart, placenta and skeletal muscle and to a lesser extend in pancreas. Very low expression in brain, lung, liver and kidney.

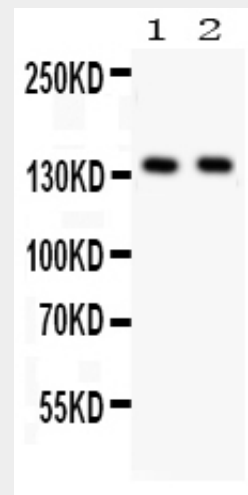
Protein Name

Protein jagged-2

Contents



Anti- Picoband antibody, PB, Western blottingAll lanes: Anti Jagged 2 (ABO11946) at 0.5ug/mlWB: Recombinant Human Jagged 2 Protein 0.5ngPredicted bind size: 39 KDObserved bind size: 39 KD



Anti- Picoband antibody, PB, Western blottingAll lanes: Anti Jagged 2 (ABO11946) at 0.5ug/mlLane 1: Rat Cardiac Muscle Tissue Lysate at 50ugLane 2: Human Placenta Tissue Lysate at 50ugPredicted bind size: 134KDObserved bind size: 134KD

Anti-Jagged 2 Picoband Antibody - Background

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E.coli-derived human Jagged 2 recombinant protein (Position: R962-E1238). Human Jagged 2 shares 85% and 79% amino acid (aa) sequence identity with mouse and rat Jagged 2, respectively.

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.

Sequence Similarities

Contains 1 DSL domain.

Anti-Jagged 2 Picoband Antibody - Protein Information

Name JAG2

Function

Putative Notch ligand involved in the mediation of Notch signaling. Involved in limb development (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Expressed in heart, placenta and skeletal muscle and to a lesser extent in pancreas. Very low expression in brain, lung, liver and kidney

Protein jagged-2, also known as SER2, is a protein that in humans is encoded by the JAG2 gene. It is mapped to 14q32.33. The protein encoded by this gene is one of several ligands that activate Notch and related receptors. Notch ligands Delta1 and JAG2 are subject to presenilin-dependent, intramembranous gamma-secretase processing, resulting in the production of soluble intracellular derivatives. JAG2 can promote the growth and dissemination of uveal melanoma cells.

Anti-Jagged 2 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](#)