

**Jagged 2 (JAG2) Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP6148a****Specification**

---

**Jagged 2 (JAG2) Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O9Y219](#)  
Other Accession [NP\\_002217](#)

**Jagged 2 (JAG2) Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 3714

**Other Names**

Protein jagged-2, Jagged2, hJ2, JAG2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6148a](#) was selected from the C-term region of human JAG2 . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Jagged 2 (JAG2) Antibody (C-term) Blocking peptide - 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

## **Jagged 2 (JAG2) Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **Jagged 2 (JAG2) Antibody (C-term) Blocking peptide - Images**

## **Jagged 2 (JAG2) Antibody (C-term) Blocking peptide - Background**

The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper embryonic development. Members of the Notch gene family encode transmembrane receptors that are critical for various cell fate decisions. JAG2 is one of several ligands that activate Notch and related receptors.

## **Jagged 2 (JAG2) Antibody (C-term) Blocking peptide - References**

Hayashi, T., et al., J. Androl. 22(6):999-1011 (2001).Lindner, V., et al., Am. J. Pathol. 159(3):875-883 (2001).Cereseto, A., et al., J. Cell. Physiol. 185(3):425-431 (2000).Tsai, S., et al., Blood 96(3):950-957 (2000).Deng, Y., et al., Genomics 63(1):133-138 (2000).