



# Rabbit Anti-JAG1 monoclonal antibody, clone KG07-17 (CABT-L885)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	Jagged1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KG07-17
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	134 kDa
Cellular Localization	Membrane.
Positive Control	Human kidney tissue, mouse kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

**Storage**

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## BACKGROUND

**Introduction**

The LIN-12/Notch family of transmembrane receptors is believed to play a central role in development by regulating cell fate decisions. Ligands for Notch include Jagged1, Jagged2 and Delta. Jagged is a membrane protein and can activate Notch and prevent myoblast differentiation by inhibiting the expression of muscle regulatory and structural genes. It is involved in mammalian cardiovascular development and in cell-fate decisions during hematopoiesis. Jagged is expressed in adult and fetal tissues, and expression is upregulated in cervical squamous cell carcinoma. Familial Tetralogy of Fallot, the most common form of complex congenital heart disease, is caused by a mutation in the Jagged1 gene.

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**Keywords**

AGS;AHD;AWS;CD 339;CD339;CD339 antigen;Headturner;hJ1;Htu;Jag 1;Jag1;JAG1\_HUMAN;Jagged 1;Jagged1 (Alagille syndrome);Jagged1;JAGL1;MGC104644;OTTHUMP00000030278;Protein jagged-1;Ser 1;Ser1;Serrate 1;Slalom antibody

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