

## Anti-Jagged1/CD339 Polyclonal Antibody

## Product Details

|                   |  |
|-------------------|--|
| Ig Type:          | IgG  |
| Reactivity:       | Human,Mouse (predicted:Rat,Chicken,Dog,Pig,Cow,Rabbit,Sheep) |
| Molecular Weight: | Theoretical: 134 kDa. Actual: 22 kDa.                        |
| Purification:     | Protein A purified   |

## Applications

1. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CD339) Polyclonal Antibody, Unconjugated (TMAB-07855) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

## Verified Activity:

2. Sample:

Lane 1: Recombinant human CD339 protein, N-His

Primary: Anti-Jagged1/CD339 (TMAB-07855) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 134 kDa

Observed band size: 22 kDa

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: human Jagged1/CD339 |
| Antigen Species: | Human   |
| Gene ID:         | 182   |
| Uniprot ID:      | P78504  |

## Research Background

The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis. [provided by RefSeq].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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