

## Rabbit HES5 Polyclonal Antibody | anti-HES5 antibody

HES5 Antibody

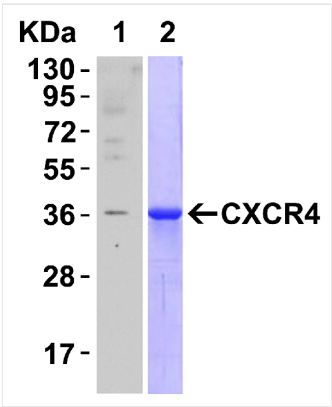
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA40743  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

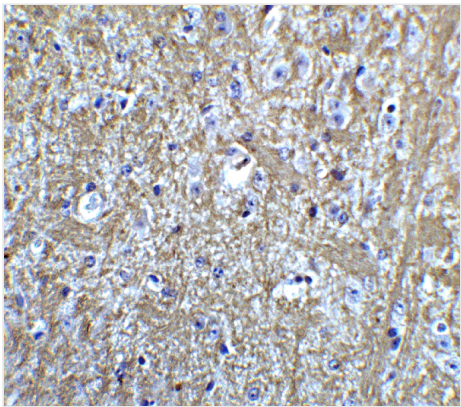
HES5; Polyclonal Antibody; HES5 Antibody; Hairy and enhancer of split 5; hes family bHLH transcription factor 5; bHLHb38 ; hes family bHLH transcription factor; anti-HES5 antibody

### PRODUCT SPECIFICATIONS

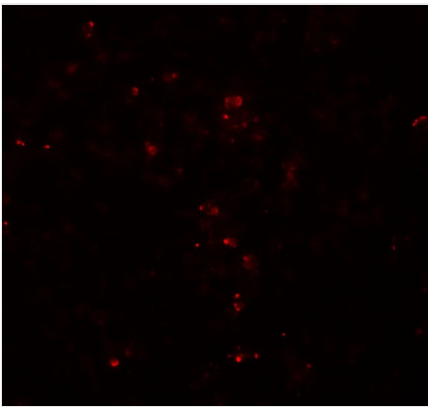
|                                                |                                                                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                            |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                                                        |
| Isotype                                        | IgG                                                                                                                                                               |
| Specificity                                    | HES5 antibody is human, mouse and rat reactive. At least two isoforms of HES5 are known to exist; this antibody will detect both isoforms.                        |
| Purity/Purification                            | HES5 antibody is affinity chromatography purified via peptide column.                                                                                             |
| Form/Format                                    | Liquid; HES5 antibody is supplied in PBS containing 0.02% sodium azide.                                                                                           |
| Concentration                                  | 1 mg/mL (varies by lot)                                                                                                                                           |
| Sequence Length                                | 166                                                                                                                                                               |
| Applicable Applications for anti-HES5 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                     |
| Conjugate                                      | Unconjugated                                                                                                                                                      |
| Immunogen                                      | HES5 antibody was raised against a 19 amino acid peptide near the amino terminus of human HES5. The immunogen is located within the first 50 amino acids of HES5. |
| Preparation and Storage                        | HES5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.                                                           |



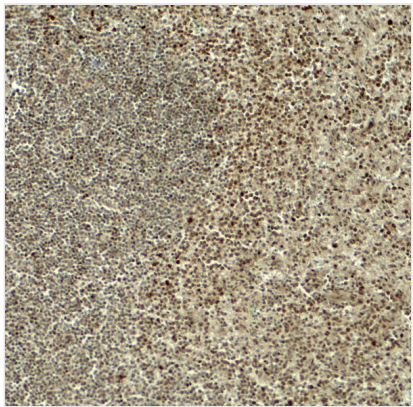
**IF (Immunofluorescence)**  
Immunofluorescence of HES5 in mouse brain tissue with HES5 Antibody at 20 &#956;g/mL.Green: HES5 Antibody (8055)Blue: DAPI staining



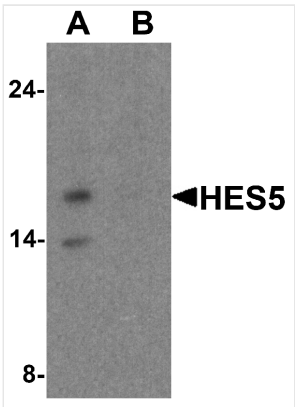
**IHC (Immunohistochemistry)**  
Immunohistochemistry of HES5 in mouse brain tissue with HES5 Antibody at 5 &#956;g/mL.



**IF (Immunofluorescence)**  
Immunofluorescence of HES5 in human spleen tissue with HES5 antibody at 20 &#956;g/ml.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of HES5 in human spleen tissue with HES5 antibody at 5 &#956;g/ml.



**WB (Western Blot)**  
Western blot analysis of HES5 in Raji cell lysate with HES5 antibody at 1 &#956;g/ml (A) the absence and (B) the presence of blocking peptide.

NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 58219048       |
| NCBI GeneID               | 388585         |
| NCBI Accession #          | NP_001010926   |
| NCBI GenBank Nucleotide # | NM_001010926.3 |

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | <a href="#">Q5TA89</a> ; <a href="#">B9DI85</a>                                                      |
| Molecular Weight                 | Predicted: 18 kDa<br>Observed: 17 kDa                                                                |
| NCBI Official Full Name          | transcription factor HES-5                                                                           |
| NCBI Official Synonym Full Names | hes family bHLH transcription factor 5                                                               |
| NCBI Official Symbol             | HES5                                                                                                 |
| NCBI Official Synonym Symbols    | bHLHb38                                                                                              |
| NCBI Protein Information         | transcription factor HES-5; hairy and enhancer of split 5; class B basic helix-loop-helix protein 38 |
| UniProt Protein Name             | Transcription factor HES-5                                                                           |
| UniProt Gene Name                | <b>HES5</b>                                                                                          |
| UniProt Synonym Gene Names       | BHLHB38; bHLHb38                                                                                     |
| UniProt Entry Name               | HES5_HUMAN                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hes5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40743>