

## Rabbit anti-Human SOX4 Polyclonal Antibody | anti-SOX4 antibody

SOX4 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA232690 | Rabbit | Human      | Immunohistochemistry, Western Blot, ELISA |

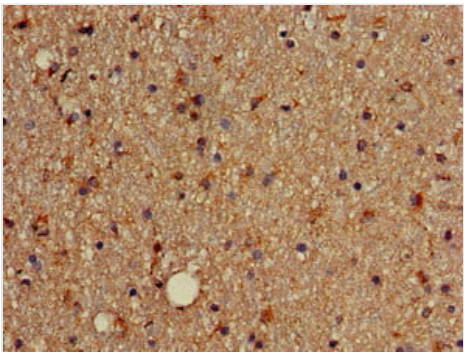
### PRODUCT SYNONYMS

SOX4; Polyclonal Antibody; SOX4 Antibody; Transcription factor SOX-4; anti-SOX4 antibody

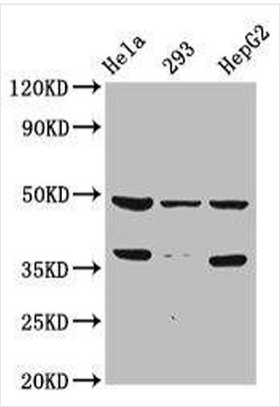
### PRODUCT SPECIFICATIONS

|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Applicable Applications for anti-SOX4 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                             |
| Immunogen                                      | Recombinant Human Transcription factor SOX-4 protein (1-60AA)                    |
| Storage Buffer                                 | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Conjugate                                      | Non-conjugated                                                                   |
| Immuongen Species                              | Homo sapiens (Human)                                                             |
| Research Area                                  | Neuroscience                                                                     |
| Target Names                                   | SOX4                                                                             |
| Preparation and Storage                        | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                    |

IMAGES



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of paraffin-embedded human brain tissue using AAA232690 at dilution of 1:100



**WB (Western Blot)**  
Western BlotPositive WB detected in: Hela whole cell lysate, 293 whole cell lysate, HepG2 whole cell lysateAll lanes: SOX4 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000Predicted band size: 48 kDaObserved band size: 48 kDa

ADDITIONAL INFORMATION

**Related Product Information for anti-SOX4 antibody**

The SOX4 antibody is raised in rabbits immunized with the recombinant human SOX4 (1-60AA). It is available as an unconjugated IgG. And it underwent protein G purification and got a purity of 95%+. This SOX4 antibody only reacts with human SOX4 protein and can be used to detect the SOX4 protein in ELISA, WB, and IHC applications. The target protein SOX4 is a transcription factor in the SRY (sex-determining region Y) family and plays important roles in many developmental processes, including nervous system development and endocrine islet formation.

NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 4507163                    |
| NCBI GeneID                      | 6659                       |
| NCBI Accession #                 | NP_003098.1                |
| NCBI GenBank Nucleotide #        | NM_003107.2                |
| UniProt Accession #              | Q06945                     |
| NCBI Official Full Name          | transcription factor SOX-4 |
| NCBI Official Synonym Full Names | SRY-box 4                  |
| NCBI Official Symbol             | SOX4                       |
| NCBI Official Synonym Symbols    | EVI16                      |
| NCBI Protein Information         | transcription factor SOX-4 |
| UniProt Protein Name             | Transcription factor SOX-4 |
| UniProt Gene Name                | SOX4                       |
| UniProt Entry Name               | SOX4_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.