

## Anti-PLEKHB2 antibody (1-222) (STJ117657)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/IHC-P/ELISA     |
| Host / Source | Rabbit             |
| Reactivity    | Human              |

### PRODUCT PROPERTIES

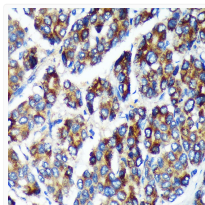
|                     |                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                 |
| Concentration       | Lot specific                                                                                                                                                               |
| Conjugation         | Unconjugated                                                                                                                                                               |
| Purification        | Affinity purification                                                                                                                                                      |
| Dilution Range      | WB:1:200-1:2000<br>IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.                                                                                                                           |
| Isotype             | IgG                                                                                                                                                                        |
| Molecular Weight    | Protein Mw: 25kDa<br>Observed Mw: 15kDa                                                                                                                                    |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                             |

### TARGET INFORMATION

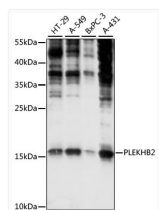
|                    |                                                                                                                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">55041</a>                                                                                                                                                                                                                            |
| Gene Symbol        | <a href="#">PLEKHB2</a>                                                                                                                                                                                                                          |
| UniProt ID         | <a href="#">PKHB2_HUMAN</a>                                                                                                                                                                                                                      |
| Immunogen Region   | 1-222                                                                                                                                                                                                                                            |
| Immunogen Sequence | MAFKSGWLLRQSTILKRWK KNWFDLWSDGHLIYYDDQTR QNIEDKVHMPMDCINIRTGQ<br>ECRDTQPPDGKSKDCMLQIV CRDGKTISLCAESTDDCLAW KFTLQDSRTNTAYVGSVMT<br>DETSVSSPPPYTAYAAPAP EQAYGYGPGYGGAYPPGTQVV YAANGQAYAVPYQYPYAGLY<br>GQQPANQVIIRERYRDNDSD LALGMLAGAATGMALGSLFW VF |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-222 of human PLEKHB2 (NP_001094093.1).                                                                                                                           |

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of PLEKHB2 in paraffin-embedded Human liver cancer using PLEKHB2 Rabbit polyclonal antibody (STJ117657) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using PLEKHB2 Rabbit polyclonal antibody (STJ117657) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.