

SHANK2 Antibody

CAB18423

Description

This SHANK2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

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| SKU: | CAB18423 |
| Contents: | 20 µL, 100 µL Bradford Reagent: 1 vial (2ml) |
| Category: | Polyclonal Antibody |
| Synonyms: | SHANK, AUTS17, CORTBP1, CTTNBP1, ProSAP1, SPANK-3, SHANK2 |
| Clone: | - |
| Applications: | WB IF/ICC ELISA |
| Conjugation: | - |
| Reactivity: | Human, Mouse, Rat |

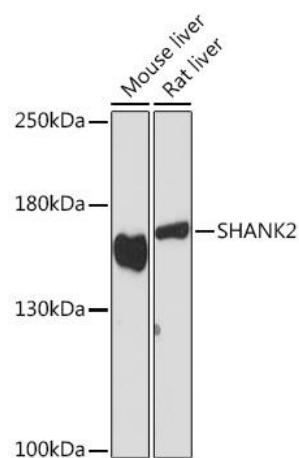
Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 22941 |
| Uniprot: | AB_2862190 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 159kDa |
| Calculated MW: | 201kDa |

Preparation & Storage

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|---|---|-----------|----------------|---------------|--------------|--------------|---|
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year. | | | | | | |
| Positive Sample: | Mouse liver, Rat liver | | | | | | |
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:500 - 1:2000 | IF/ICC | 1:50 - 1:200 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB | 1:500 - 1:2000 | | | | | | |
| IF/ICC | 1:50 - 1:200 | | | | | | |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. | | | | | | |
| Protein Quantification (Optional): | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol | | | | | | |

Validation Data



Western blot analysis of various lysates using SHANK2 Rabbit pAb (CAB18423) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 300s.