

## **Product datasheet for TA358608**

## Troduct datastreet for TASSOON

## **SHANK2 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Specificity: Expected reactivity**: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat

Homology: Cow: 100%; Dog: 85%; Guinea Pig: 77%; Horse: 100%; Human: 100%; Mouse: 85%;

Rat: 85%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 135kDa

**Gene Name:** SH3 and multiple ankyrin repeat domains 2

Database Link: NP 036441

Entrez Gene 22941 Human

Q9UPX8-4



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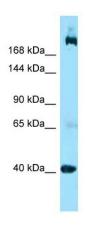
Background:

This gene encodes a protein that is a member of the Shank family of synaptic proteins that may function as molecular scaffolds in the postsynaptic density (PSD). Shank proteins contain multiple domains for protein-protein interaction, including ankyrin repeats, an SH3 domain, a PSD-95/Dlg/ZO-1 domain, a sterile alpha motif domain, and a proline-rich region. This particular family member contains a PDZ domain, a consensus sequence for cortactin SH3 domain-binding peptides and a sterile alpha motif. The alternative splicing demonstrated in Shank genes has been suggested as a mechanism for regulating the molecular structure of Shank and the spectrum of Shank-interacting proteins in the PSDs of adult and developing brain.

Synonyms:

CORTBP1; CTTNBP1; KIAA1022; ProSAP1; SHANK; SPANK-3

## **Product images:**



WB Suggested Anti-SHANK2 Antibody Titration: 1.0 ug/ml

Positive Control: Jurkat Whole Cell