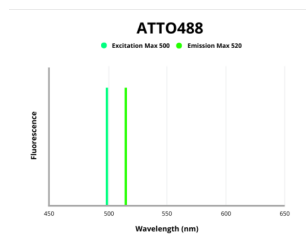


# SH3 And Multiple Ankyrin Repeat Domains Protein 3 (SHANK3) Antibody (ATTO488)

Catalogue No.: abx440499



Fluorescence emission spectra of ATTO 488.

SHANK1/SHANK3 Antibody is a Mouse Monoclonal conjugated to ATTO 488 against SHANK3.

|                               |                                                                                                                                                                                                             |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | SH3 And Multiple Ankyrin Repeat Domains Protein 3 (SHANK3)                                                                                                                                                  |
| <b>Clonality:</b>             | Monoclonal                                                                                                                                                                                                  |
| <b>Reactivity:</b>            | Human, Mouse, Rat                                                                                                                                                                                           |
| <b>Tested Applications:</b>   | WB, IHC, IF/ICC                                                                                                                                                                                             |
| <b>Host:</b>                  | Mouse                                                                                                                                                                                                       |
| <b>Recommended dilutions:</b> | WB: 1/1000, IF/ICC: 1/100. Optimal dilutions/concentrations should be determined by the end user.                                                                                                           |
| <b>Conjugation:</b>           | ATTO488                                                                                                                                                                                                     |
| <b>Excitation/Emission:</b>   | 500/520                                                                                                                                                                                                     |
| <b>Laser Line:</b>            | 488                                                                                                                                                                                                         |
| <b>Immunogen:</b>             | Fusion protein amino acids 538-626 (SH3 domain) of rat SHANK3. Mouse: 100% identity (89/89 amino acids identical). Human: 97% identity (87/89 amino acids identical). ~70% identity with SHANK1 and SHANK2. |
| <b>Isotype:</b>               | IgG <sub>2a</sub>                                                                                                                                                                                           |
| <b>Purification:</b>          | Purified by Protein G.                                                                                                                                                                                      |
| <b>Storage:</b>               | Aliquot and store at 4°C. Avoid repeated freeze/thaw cycles.                                                                                                                                                |
| <b>UniProt Primary AC:</b>    | Q9JLU4 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                 |

# Datasheet

Version: 3.0.0

Revision date: 13 Aug 2025



**GeneID:** [59312](#)

**NCBI Accession:** NP\_067708.1

**String:** [10116.ENSRNOP00000041083](#)

**Buffer:** PBS, pH 7.4, 50% glycerol, 0.1% sodium azide.

**Specificity:** Detects ~190kDa. Cross-reacts with SHANK1. Does not cross-react with SHANK2.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only