

SHANK3 antibody

Cat. No. GTX133163

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF
Reactivity	Mouse, Rat

Package
100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 192 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.67 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of mouse SHANK3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

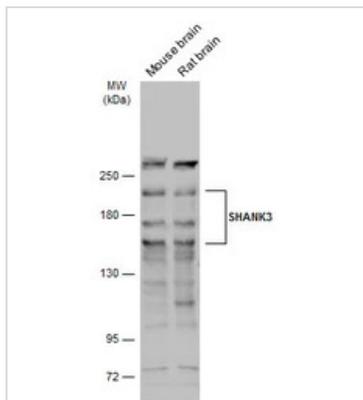
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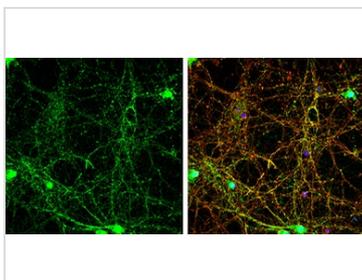


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DATA IMAGES

**GTX133163 WB Image**

Various tissue extracts (50 μ g) were separated by 5% SDS-PAGE, and the membrane was blotted with SHANK3 antibody (GTX133163) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX133163 ICC/IF Image**

SHANK3 antibody detects SHANK3 protein by immunofluorescent analysis.

Sample: DIV14 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SHANK3 protein stained by SHANK3 antibody (GTX133163) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (GTX631831) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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