

# SHANK1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 2100 and 2161 of Human SHANK1
Form	Liquid
Concentration	0.53 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546109

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

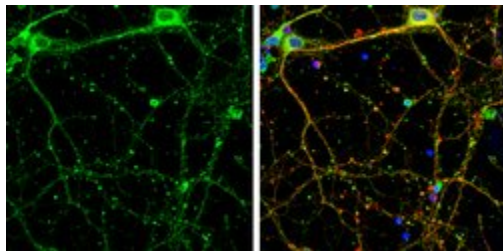
## Product Specific Information

Recommended positive controls: 293T, A431, HeLa, HepG2.

Predicted reactivity: Mouse (100%), Rat (100%).

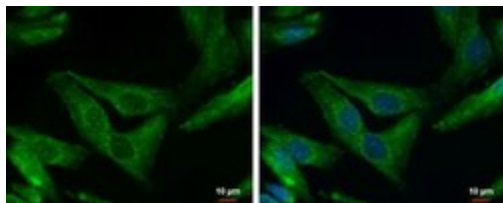
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For SHANK1 Polyclonal Antibody



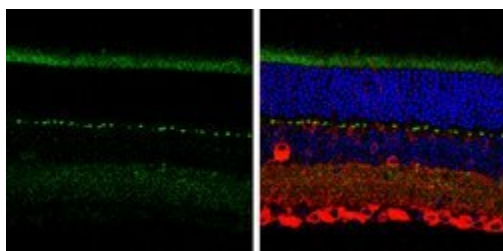
### SHANK1 Antibody (PA5-28633) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of SHANK1 was performed in DIV9 rat E18 primary cortical neurons fixed in 4% paraformaldehyde at RT for 15 min. Green: SHANK1 Polyclonal Antibody (Product # PA5-28633) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, a neuron cell marker. Blue: Fluoroshield with DAPI.



### SHANK1 Antibody (PA5-28633) in ICC/IF

Immunofluorescent analysis of SHANK1 showing staining in the cytoplasm of SKNSH cells. SKNSH cells were fixed in 4% paraformaldehyde at RT for 15 min and stained using a SHANK1 polyclonal antibody (Product # PA5-28633) diluted at 1:500. Blue: Hoechst 33342 staining.



### SHANK1 Antibody (PA5-28633) in IHC (P)

Immunohistochemistry (Paraffin) analysis of SHANK1 was performed in paraffin-embedded mouse retina tissue. Green: SHANK1 stained by SHANK1 Polyclonal Antibody (Product # PA5-28633) at a dilution of 1:250. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

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