

# VGLUT1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of mouse VGluT1.
Form	Liquid
Concentration	0.93 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2792901

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

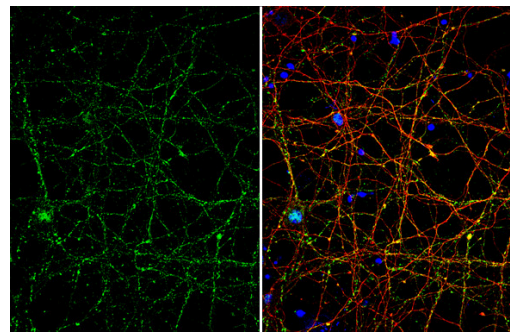
Keep as concentrated solution.

Predicted reactivity: Human (96%), Mouse (100%), Rat (98%), Bovine (100%).

Positive Control: mouse brain, rat brain.

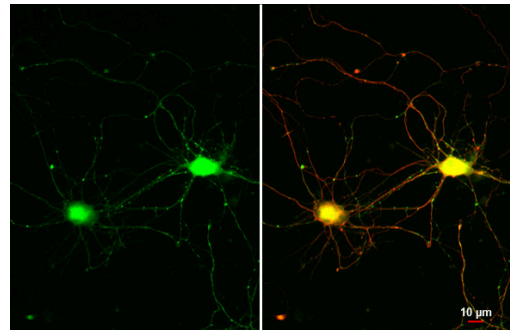
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For VGLUT1 Polyclonal Antibody



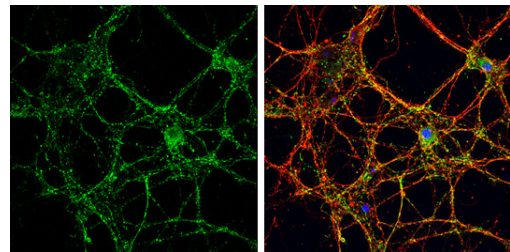
VGLUT1 Antibody (PA5-85764) in ICC/IF

VGLUT1 Polyclonal Antibody detects VGLUT1 protein by immunofluorescent analysis. Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: VGLUT1 stained by VGLUT1 Polyclonal Antibody (Product # PA5-85764) diluted at 1:500. Red: Tau, stained by Phospho-Tau (Ser262) Polyclonal Antibody [GT287]diluted at 1:500. Blue: Fluoroshield with DAPI .



VGLUT1 Antibody (PA5-85764) in ICC/IF

VGLUT1 Polyclonal Antibody detects VGLUT1 protein by immunofluorescent analysis. Sample: DIV9 rat cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: VGLUT1 stained by VGLUT1 Polyclonal Antibody (Product # PA5-85764) diluted at 1:250. Red: Tau, a Axon marker, stained by Phospho-Tau (Ser262) Polyclonal Antibody [GT287]diluted at 1:500.



VGLUT1 Antibody (PA5-85764) in ICC/IF

Immunocytochemistry analysis of VGLUT1 in 4% paraformaldehyde-fixed rat E18 primary cortical neurons using VGLUT1 polyclonal antibody (Product # PA5-85764) at a dilution of 1:500. Sample was then incubated with beta Tubulin 3/ TUJ1 (red) and DAPI secondary antibody at a dilution of 1:500.

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