

bs-11467R**[Primary Antibody]****Neuron navigator 1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 89796	SWISS: Q8NEY1	IHC-F (1:100-500)
Target: Neuron navigator 1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Neuron navigator 1: 1426-1475/1877.		ICC/IF (1:100-500)
Purification: affinity purified by Protein A		ELISA (1:5000-10000)
Concentration: 1mg/ml		Reactivity: (predicted: Human, Mouse, Rat, Pig, Chicken, Dog)
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 202 kDa
Background: Neuron navigator 1 is a 1877 amino acid cytoplasmic protein that is involved in neuronal migration. Neuron navigator 1 is widely expressed at low levels, though highest expression is found in both adult and fetal nervous tissue. Through interaction with tubulin, Neuron navigator 1 associates with a subset of microtubule plus ends present in the growth cone. Overexpression of Neuron navigator 1 leads to microtubule bundling, whereas a reduction of its levels causes loss of directionality in the migration of pontine cell leading processes. There are seven isoforms of Neuron navigator 1 that are produced as a result of alternative splicing events.		Subcellular Location: Cytoplasm