bs-11489R

**[ Primary Antibody ]**

# TNRC6B Rabbit pAb

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## DATASHEET

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 23112

**SWISS:** Q9UPQ9

**Target:** TNRC6B

**Immunogen:** KLH conjugated synthetic peptide derived from human TNRC6B: 25-70/1833.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**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.

**Background:** TNRC6B is a 1,723 amino acid protein that exists as two alternatively spliced isoforms and is thought to be involved in mRNA cleavage events. Expressed ubiquitously, TNRC6B contains one glycine/tryptophan (GW)-rich N-terminal domain, one central glutamine-rich region and one C-terminal RNA recognition motif and is encoded by a gene that maps to human chromosome 22. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia. Additionally, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein BCR-Abl, a potent cell proliferation activator found in several types of leukemias.

**Applications:** **WB** (1:500-2000)
**IHC-P** (1:100-500)
**IHC-F** (1:100-500)
**IF** (1:100-500)
**ICC/IF** (1:100-500)
**ELISA** (1:5000-10000)

**Reactivity:** (predicted: Human, Mouse, Rat, Sheep, Cow, Dog)

**Predicted MW.:** 194 kDa

**Subcellular Location:** Cytoplasm

## SELECTED CITATIONS

- **[IF=14.7]** Norjin Zolboot. et al. MicroRNA mechanisms instructing Purkinje cell specification. NEURON. 2025 四月 02 IP ;Mouse. 40179877