

TNRC6B antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11799**Specification**

TNRC6B antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9UPQ9
Other Accession	NM_015088 , NP_055903
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Predicted Host	Human, Rat, Rabbit, Chicken, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 183kDa KDa

TNRC6B antibody - N-terminal region - Additional Information**Gene ID** 23112**Alias Symbol** KIAA1093
Other Names
Trinucleotide repeat-containing gene 6B protein, TNRC6B, KIAA1093**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-TNRC6B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

TNRC6B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TNRC6B antibody - N-terminal region - Protein Information**Name** TNRC6B**Synonyms** KIAA1093**Function**

Plays a role in RNA-mediated gene silencing by both micro- RNAs (miRNAs) and short interfering RNAs (siRNAs) (PubMed: [16289642](http://www.uniprot.org/citations/16289642), PubMed: [19167051](http://www.uniprot.org/citations/19167051), PubMed: [19304925](http://www.uniprot.org/citations/19304925), PubMed: [32354837](http://www.uniprot.org/citations/32354837)). Required for miRNA- dependent translational repression and

siRNA-dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins (PubMed:16289642, PubMed:19167051, PubMed:19304925, PubMed:32354837). As scaffolding protein associates with argonaute proteins bound to partially complementary mRNAs and simultaneously can recruit CCR4-NOT and PAN deadenylase complexes (PubMed:21981923).

Cellular Location

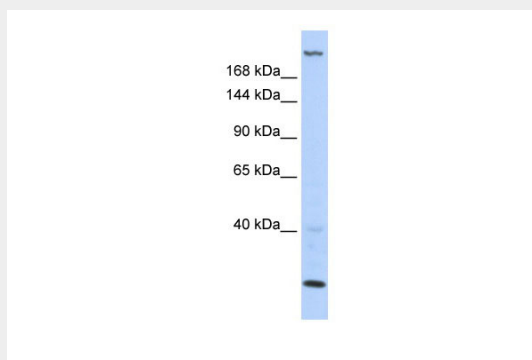
Cytoplasm, P-body. Note=Mammalian P-bodies are also known as GW bodies (GWBs).

TNRC6B antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNRC6B antibody - N-terminal region - Images



WB Suggested Anti-TNRC6B Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: Human brain

TNRC6B antibody - N-terminal region - References

Schneider, M.D., (2006) J. Cell Biol. 174 (3), 349-358
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.