10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TNRC6B antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11799

Product Information

Application	WB
Primary Accession	Q9UPQ9
Other Accession	NM_015088, NP_055903
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine
Predicted	Human, Rat, Rabbit, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	194002

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.

Protein Information

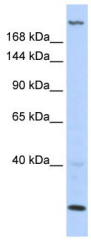
Name	TNRC6B
Synonyms	KIAA1093
Function	Plays a role in RNA-mediated gene silencing by both micro- RNAs (miRNAs) and short interfering RNAs (siRNAs) (PubMed:16289642, PubMed:19167051, PubMed:19304925, PubMed:32354837). Required for miRNA- dependent translational repression and siRNA-dependent endonucleolytic 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).

References

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

Images



WB Suggested Anti-TNRC6B Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Human brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.