

TNRC6A Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21900c

Product Information

Application	WB, E
Primary Accession	Q8NDV7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54170
Calculated MW	210297

Additional Information

Gene ID	27327
Other Names	Trinucleotide repeat-containing gene 6A protein, CAG repeat protein 26, EMSY interactor protein, GW182 autoantigen, Protein GW1, Glycine-tryptophan protein of 182 kDa, TNRC6A, CAGH26, KIAA1460, TNRC6
Target/Specificity	This TNRC6A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 855-885 amino acids from the Central region of human TNRC6A.
Dilution	WB~~1:1000-1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TNRC6A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNRC6A
Synonyms	CAGH26, KIAA1460, TNRC6
Function	Plays a role in RNA-mediated gene silencing by both micro- RNAs (miRNAs) and short interfering RNAs (siRNAs). Required for miRNA- dependent

repression of translation and for siRNA-dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins. As a scaffolding protein, associates with argonaute proteins bound to partially complementary mRNAs, and can simultaneously recruit CCR4-NOT and PAN deadenylase complexes.

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

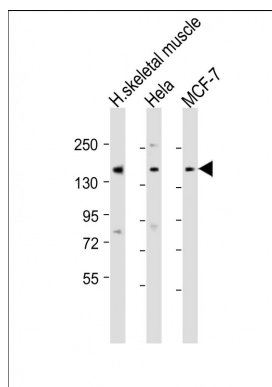
Background

Plays a role in RNA-mediated gene silencing by both micro-RNAs (miRNAs) and short interfering RNAs (siRNAs). Required for miRNA-dependent repression of translation and for siRNA-dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins. As scaffolding protein associates with argonaute proteins bound to partially complementary mRNAs and simultaneously can recruit CCR4-NOT and PAN deadenylase complexes.

References

Eystathiou T., et al. Mol. Biol. Cell 13:1338-1351(2002).
Hughes-Davies L., et al. Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases.
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Martin J., et al. Nature 432:988-994(2004).
Margolis R.L., et al. Hum. Genet. 100:114-122(1997).

Images



All lanes : Anti-TNRC6A Antibody (Center) at 1:1000-1:2000 dilution Lane 1: human skeletal muscle lysate Lane 2: HeLa whole cell lysate Lane 3: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 210 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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