

ARG58348 anti-GW182 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GW182
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GW182
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence within aa. 950-1050 of Human GW182 (NP_055309.2).
Conjugation	Un-conjugated
Alternate Names	GW182; Trinucleotide repeat-containing gene 6A protein; EMSY interactor protein; GW182 autoantigen; Glycine-tryptophan protein of 182 kDa; GW1; CAG repeat protein 26; CAGH26; Protein GW1; TNRC6

Application Instructions

Application table	Application	Dilution
	ICC/IF	
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat brain	
Observed Size	180 kDa	

Properties

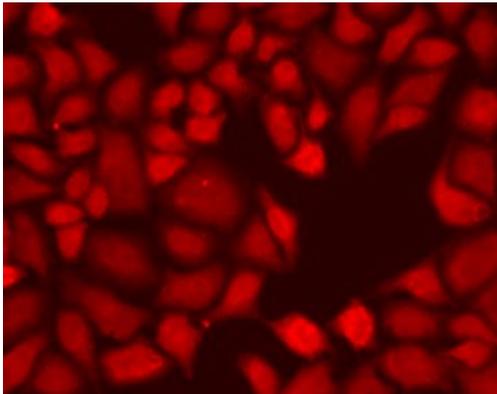
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

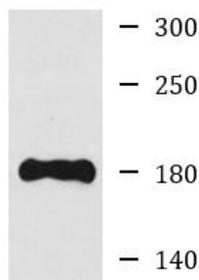
Bioinformation

Gene Symbol	TNRC6A
Gene Full Name	trinucleotide repeat containing 6A
Background	This gene encodes a member of the trinucleotide repeat containing 6 protein family. The protein functions in post-transcriptional gene silencing through the RNA interference (RNAi) and microRNA pathways. The protein associates with messenger RNAs and Argonaute proteins in cytoplasmic bodies known as GW-bodies or P-bodies. Inhibiting expression of this gene delocalizes other GW-body proteins and impairs RNAi and microRNA-induced gene silencing. [provided by RefSeq, Jul 2008]
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 scaffolding protein associates with argonaute proteins bound to partially complementary mRNAs and simultaneously can recruit CCR4-NOT and PAN deadenylase complexes. [UniProt]
Calculated Mw	210 kDa
Cellular Localization	Cytoplasm, P-body. [UniProt]

Images

ARG58348 anti-GW182 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG58348 anti-GW182 antibody at 1:100 dilution.



Rat brain

ARG58348 anti-GW182 antibody WB image

Western blot: 25 µg of Rat brain lysate stained with ARG58348 anti-GW182 antibody at 1:1000 dilution.