Rabbit anti-Human GW182 Polyclonal Antibody | anti-GW182 antibody

Rabbit anti-GW182 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211846	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

GW182; Polyclonal Antibody; Rabbit anti-GW182 Antibody; Affinity Purified; EMSY interactor protein; TNRC6; Protein GW1; GW182 autoantigen; trinucleotide repeat-containing gene 6A protein; GW1; EDIE; CTD-2540M10.1; CAGH26; CAG repeat protein 26; glycine-tryptophan protein of 182 kDa; FAME6; Trinucleotide repeat-containing gene 6A protein; trinucleotide repeat containing 6A; anti-GW182 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GW182 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 600 and 650
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human GW182 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-GW182 antibody AAA211846 (lot AAA211846-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human GW182 by western blot of immunoprecipitates. Samples: Whole cell lysate (50 ug) from HeLa cells. Antibodies: Affinity purified rabbit anti-GW182 antibody AAA211846 (lot AAA211846-2) used for IP at 6 ug/mg lysate. GW182 was also immunoprecipitated by a previous lot (lot AAA211846-1) of this antibody. For blotting immunoprecipitated GW182, AAA211846 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GW182 antibody	GW182 (glycine-tryptophan protein of 182 kDa) is a member of the trinucleotide repeat containing 6 protein family. It functions in post-transcriptional gene silencing through the RNA interference (RNAi) and microRNA pathways. GW182 has been found to associate with messenger RNAs and Argonaute proteins in cytoplasmic bodies known as GW-bodies or P-bodies. Inhibition of GW182 expression delocalizes other GW-body proteins and impairs RNAi and microRNA-induced gene silencing [taken from NCBI GeneID:27327].

Product Categories/Family for anti-GW182 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116805348
NCBI GeneID	27327
NCBI Accession #	NP_055309.2
NCBI GenBank Nucleotide #	NM_014494.3
UniProt Accession #	Q8NDV7; O15408; Q658L5; Q6NVB5; Q8NEZ0; Q8TBT8; Q8TCR0; Q9NV59; Q9P268; C9JAR8
Molecular Weight	205,151 Da
NCBI Official Full Name	trinucleotide repeat-containing gene 6A protein isoform 1
NCBI Official Synonym Full Names	trinucleotide repeat containing 6A
NCBI Official Symbol	TNRC6A
NCBI Official Synonym Symbols	GW1; GW182; TNRC6; CAGH26
NCBI Protein Information	trinucleotide repeat-containing gene 6A protein
UniProt Protein Name	Trinucleotide repeat-containing gene 6A protein
UniProt Gene Name	**TNRC6A**
UniProt Synonym Gene Names	CAGH26; KIAA1460; TNRC6; Protein GW1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/gw182-antibody-immunoprecipitation-western-blot-elisa/211846