

GW182 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252026

Unit: 0.1 mg

Description:

Trinucleotide repeat-containing gene 6A protein (GW182) plays a role in RNA-mediated gene silencing by both micro-RNAs (miRNAs) and short interfering RNAs (siRNAs). GW182 is required for miRNA-dependent repression of translation and for siRNA-dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins. Antibodies against GW182 are found in sera from patients with Sjogren syndrome (SS), ataxia and sensor neuropathy diseases that developed autoantibodies against protein of the GWB structure. Autoantibodies were mapped to the GW-rich mid-part, the non-GW-rich region and the C-terminus of the protein.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

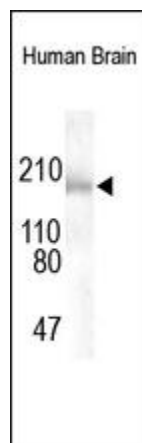
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Trinucleotide repeat-containing gene 6A protein; CAG repeat protein 26; Glycine-tryptophan protein of 182 kDa; GW182 autoantigen; Protein GW1; EMSY interactor protein; TNRC6A; CAGH26; KIAA1460; TNRC6

Accession No.: Q8NDV7

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GW182.

Application Notes: E: 1:1,000-1:10,000; WB: 1:100-1:500



The GW182 Antibody is used in Western blot to detect GW182 in human brain lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.