

## GW182 Rabbit pAb

CatalogNo: YN8791

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 216kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human GW182

**Specificity** This antibody detects endogenous levels of GW182 at Human, Mouse

### | Target Information

**Gene name** TNRC6A CAGH26 KIAA1460 TNRC6

**Protein Name** Trinucleotide repeat-containing gene 6A protein (CAG repeat protein 26) (EMSY interactor protein) (GW182 autoantigen) (Protein GW1) (Glycine-tryptophan protein of 182 kDa)

Organism	Gene ID	UniProt ID
Human	<a href="#">27327</a> ;	<a href="#">Q8NDV7</a> ;
Mouse	<a href="#">233833</a> ;	<a href="#">Q3UHK8</a> ;

**Cellular Localization** Cytoplasm, P-body . Mammalian P-bodies are also known as GW bodies (GWBs). .

**Tissue specificity** Ubiquitous.

**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.

## | Validation Data

## | Contact information

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**GW182 Rabbit pAb**

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