

Datasheet for ABIN928175

## anti-PA2G4 antibody (C-Term)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	PA2G4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PA2G4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	PA2 G4 antibody was raised in rabbit using the C terminal of PA2 4 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine), Frog, Cow (Bovine), Zebrafish (Brachydanio rerio)
Purification:	Purified

#### Target Details

Target:	PA2G4
Alternative Name:	PA2G4 ( <a href="#">PA2G4 Products</a> )
Background:	PA2G4 is an RNA-binding protein that is involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth

## Target Details

regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells. Synonyms: Polyclonal PA2G4 antibody, Anti-PA2G4 antibody, proliferation-associated 2G4, 38kDa antibody, EBP1 antibody, HG4-1 antibody, p38-2G4 antibody.

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of Carbohydrate Metabolic Process](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

## Application Details

Application Notes: WB: 0.2-1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: PA2G4 Blocking Peptide, catalog no. 33R-5182, is also available for use as a blocking control in assays to test for specificity of this PA2G4 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

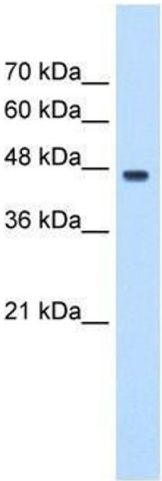
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

**Image 1.** PA2G4 antibody used at 0.2-1 ug/ml to detect target protein.