

# WDR4 Polyclonal antibody

Catalog Number: 14766-1-AP

## Basic Information

**Catalog Number:**

14766-1-AP

**Size:**

150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6531

**GenBank Accession Number:**

BC001074

**GeneID (NCBI):**

10785

**UNIPROT ID:**

P57081

**Full Name:**

WD repeat domain 4

**Calculated MW:**

30 kDa

**Observed MW:**

30 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

A group of functionally diverse regulatory proteins in eukaryotes, defined by a conserved core of 4 or more modular repeat units, is known as the WD repeat family. Proteins belonging to the WD repeat family are involved in a number of cellular processes, including cell cycle progression, apoptosis, signal transduction, and gene regulation. WD repeat-containing protein 4 (WDR4) belongs to the WD repeat family, and is required for the formation of N(7)-methylguanine at position 46 (m7G46) in tRNA. It acts to stabilize and induce conformation change of the catalytic subunit in the complex. There exists three isoforms, while isoform 1, 2 are 45kDa band, and isoform 3 is 30 kDa band.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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