

# PLEKHH3 Polyclonal antibody

Catalog Number: 28154-1-AP

## Basic Information

**Catalog Number:**

28154-1-AP

**Size:**

240 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG28001

**GenBank Accession Number:**

BC052978

**GeneID (NCBI):**

79990

**UNIPROT ID:**

Q7Z736

**Full Name:**

pleckstrin homology domain  
containing, family H (with MyTH4  
domain) member 3

**Calculated MW:**

793 aa, 85 kDa

**Observed MW:**

85 and 80 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, Mouse

**Positive Controls:**

WB : LNCaP cells, mouse brain tissue

## Background Information

PLEKHH3, a gene related to endothelial tight junction, is associated with obstructive sleep apnea (OSA) and angiogenesis. It has been reported that the expression of PLEKHH3 protein was increased in the OSA patients. PLEKHH3 may play a key role in OSA and angiogenesis by specifically regulating the endothelial cells formation of tight junctions. 28154-1-AP detects the isoforms of PLEKHH3 protein around 80-85 kDa in SDS-PAGE. (PMID:28520763)

## Storage

**Storage:**

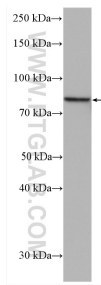
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 28154-1-AP (PLEKHH3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.