

# VASH1 Polyclonal antibody

Catalog Number: 12730-1-AP

Featured Product

2 Publications

## Basic Information

**Catalog Number:**

12730-1-AP

**Size:**

350 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3435

**GenBank Accession Number:**

BC009031

**GeneID (NCBI):**

22846

**UNIPROT ID:**

Q7L8A9

**Full Name:**

vasohibin 1

**Calculated MW:**

365 aa, 41 kDa

**Observed MW:**

36 and 41 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

zebrafish

**Positive Controls:**

WB : human brain tissue, HeLa cells, MCF-7 cells

IF/ICC : U2OS cells,

## Background Information

VASH1, also named as vasohibin 1, is a angiogenesis inhibitor induced by the stimulation with VEGF. High expression of VASH1 has been researched in some tumors as a result of VEGF induction. It has been suggested that VASH-1 is clinically significant in bladder cancer, colorectal cancer and NSCLC. VASH-1 may be a potential marker of gastric cancer and a target for vascular targeting therapy. 12730-1-AP detects 41 kDa form secreted protein and 36 kDa form protein accumulated within the cells or pericellular milieu in SDS-PAGE. (PMID:19057892, 29042936, 29552154, 26666821)

## Notable Publications

Author	Pubmed ID	Journal	Application
Marta Bastos de Oliveira	33547133	Development	WB
Ana C Almeida	35385739	Cell Rep	WB

## 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

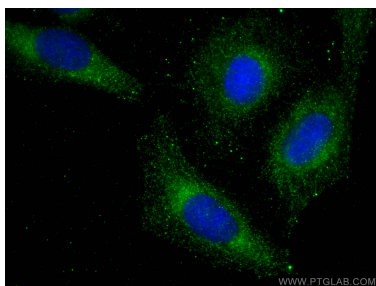
For technical support and original validation data for this product please contact:

T: 4006900926

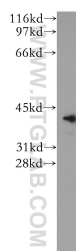
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using VASH1 antibody (12730-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



human brain tissue were subjected to SDS PAGE followed by western blot with 12730-1-AP (VASH1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.