For Research Use Only

ESPN Polyclonal antibody

Catalog Number:20717-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
20717-1-AP

Size:
150ul , Concentration: 500 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_031475

GeneID (NCBI):
83715

UNIPROT ID:
B1AK53

Full Name:
espin

Calculated MW:
92 kDa

Observed MW:
30-33 kDa, 110 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:300-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse testis tissue, Neuro-2a cells, rat testis

Background Information

ESPN, also named as DFNB36, is a multifunctional actin-bundling protein. ESPN plays a major role in regulating the organization, dimensions, dynamics and signaling capacities of the actin filament-rich, microvillus-type specializations that mediate sensory transduction in variouS mechanosensory and chemosensory cells. Defects in ESPN are the cause of deafness autosomal recessive type 36 (DFNB36). Defects in ESPN are the cause of deafness autosomal dominant without vestibular involvement (DFNAWVI). The antibody is specific to ESPN.

Storage

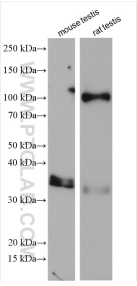
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20717-1-AP (ESPN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.