

For Research Use Only

ACTG2 Polyclonal antibody, PBS Only

Catalog Number: 31849-1-PBS



Basic Information

Catalog Number:

31849-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36024

GenBank Accession Number:

BC094877

GeneID (NCBI):

72

UNIPROT ID:

P63267

Full Name:

actin, gamma 2, smooth muscle, enteric

Calculated MW:

42 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Actin gamma 2 (ACTG2, also known as ACT, ACTE, VSCM, ACTA3, ACTL3, and ACTSG) is a highly conserved protein involved in various types of cell motility and ubiquitously expressed in all eukaryotic cells. ACTG2 mutations would cause congenital distended bladder, microcolon, and intestinal hypoperistalsis (PMID: 24337657). It also has been reported that ACTG2 promotes hepatocellular carcinoma (HCC) migration and invasion through the Notch1 signaling pathway, which might serve as a new intervention target for the treatment of HCC (PMID: 28385530).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

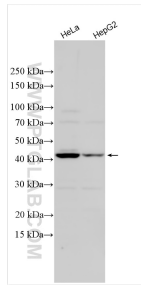
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31849-1-AP (ACTG2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31849-1-PBS in a different storage buffer formulation.

