

PLEKHA1 Polyclonal Antibody

Catalog number: 10238-1-AP

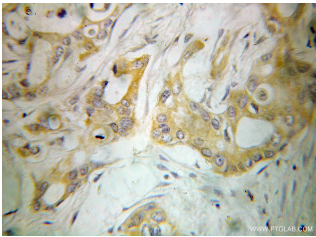
Size: 35 µg/150 µl

Source: Rabbit

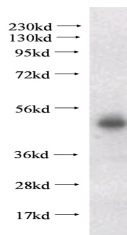
Isotype: IgG

Synonyms:

PLEKHA1; PLEKHA1, TAPP 1,
TAPP1



Immunohistochemical of paraffin-embedded human pancreas cancer using 10238-1-AP (PLEKHA1 antibody) at dilution of 1:100 (under 25x lens)



human placenta tissue were subjected to SDS PAGE followed by western blot with 10238-1-AP (PLEKHA1 antibody) at dilution of 1:500

Background

Pleckstrin homology (PH) domain is commonly found in eukaryotic signaling proteins and possesses multiple functions including the abilities to bind inositol phosphates and various proteins. The tandem PH domain containing protein-1 (TAPP1) or PH domain containing-family A (phosphoinositide binding specific) member 1 (PLEKHA1), interacts strongly and specifically with phosphatidylinositol 3,4-trisphosphate [PtdIns(3,4)P(2)], which is one of the immediate breakdown products of PtdIns(3,4,5) P (3) and functions as a signalling molecule in insulin- and growth-factor-stimulated pathways. TAPP1 is also associated with the protein-tyrosine-phosphatase-like protein-1 (PTPL1 also known as FAP-1) and maintains PTPL1 in cytoplasm. By binding to PtdIns(3,4) P (2) and PTPL1, TAPP1 may regulate the membrane localization of PTPL1."

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated PLEKHA1 MW:	46 kDa
Observed PLEKHA1 MW:	46 kDa
Positive WB detected in	Human placenta tissue, Jurkat cells
Positive IHC detected in	Human pancreas cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0318
GenBank accession number:	BC001136
Gene ID (NCBI):	59338
Full name:	Pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.