

TWSG1 Polyclonal Antibody

Catalog number: 12327-1-AP

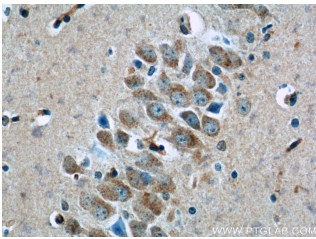
Size: 29 µg/150 µl

Source: Rabbit

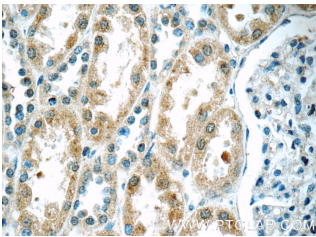
Isotype: IgG

Synonyms:

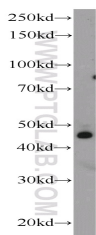
TWSG1; TSG, TWSG1



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 12327-1-AP (TWSG1 Antibody) at dilution of 1:50 (under 40x lens)



Immunohistochemistry of paraffin-embedded human kidney tissue slide using 12327-1-AP (TWSG1 Antibody) at dilution of 1:50 (under 40x lens)



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 12327-1-AP (TWSG1 Antibody) at dilution of 1:300

Background

Bone morphogenetic proteins (BMPs) are potent morphogens that are involved in cell fate determination, proliferation, apoptosis and adult tissue homeostasis. Twisted gastrulation (TWSG1) is a secreted BMP binding protein that modulates BMP ligand availability in the extracellular space. Several in vitro studies point toward an important role of TWSG1 in the regulation of the immune system (PMID: 21572028). The MW of this protein is 45 kDa, and this antibody specially recognises the 45 kDa protein.

Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated TWSG1 MW:	223aa, 25 kDa
Observed TWSG1 MW:	45 kDa
Positive WB detected in	SH-SY5Y cells, A549 cells, C6 cells, mouse brain tissue, mouse thymus tissue, Raji cells
Positive IHC detected in	Mouse brain tissue, human kidney tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag2983
GenBank accession number:	BC020490
Gene ID (NCBI):	57045
Full name:	Twisted gastrulation homolog 1 (Drosophila)

Product information

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