

For Research Use Only

YY2 Monoclonal antibody

Catalog Number: 66839-1-Ig 1 Publications



Basic Information

Catalog Number: 66839-1-Ig	GenBank Accession Number: BC137217	Purification Method: Protein A purification
Size: 150ul , Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 404281	CloneNo.: 1C11A7
Source: Mouse	Full Name: YY2 transcription factor	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG1	Calculated MW: 372 aa, 46 kDa	
Immunogen Catalog Number: AG25373	Observed MW: 46 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human kidney tissue, human placenta tissue, MCF-7 cells
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	

Background Information

YY2 (Yin-Yang 2) encodes a zinc finger transcription factor similarity to the well-characterized YY1 that locating to nucleus. Both proteins recognize an identical DNA-binding motifs with a high homologous Zinc Finger region, and these transcription factors can act as activators or repressors when bound to DNA (PMID:26350623). It is reported that YY2 is placental mammal-specific and is absent in marsupial and non-mammalian vertebrate species (PMID:16377127). YYs are play an important role in multiple developmental processes , such as implantation, cell differentiation, X inactivation, imprinting and organogenesis (PMID:27191592). YY2 is expressed in kindey, liver, spleen and testicle but not in the colon (PMID:15087442). A 41kDa band could be detected.

Notable Publications

Author	Pubmed ID	Journal	Application
Yunshang Chen	35115490	Cell Death Dis	WB

Storage

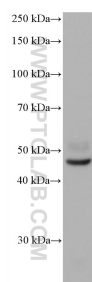
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



human kidney tissue were subjected to SDS PAGE followed by western blot with 66839-1-Ig (YY2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.