

For Research Use Only

YY2 Monoclonal antibody, PBS Only

Catalog Number: 66839-1-PBS



Basic Information

Catalog Number: 66839-1-PBS	GenBank Accession Number: BC137217	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 404281	CloneNo.: 1C11A7
Source: Mouse	UNIPROT ID: O15391	
Isotype: IgG1	Full Name: YY2 transcription factor	
Immunogen Catalog Number: AG25373	Calculated MW: 372 aa, 46 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Background Information

YY2 (Yin-Yang 2) encodes a zinc finger transcription factor similar 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.

Storage

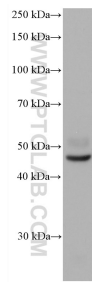
Storage:
Store at -80°C.

Storage Buffer:
PBS only

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
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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. This data was developed using the same antibody clone with 66839-1-PBS in a different storage buffer formulation.