

For Research Use Only

DDAH2 Monoclonal antibody, PBS Only



Catalog Number: 68154-1-PBS

Basic Information

Catalog Number: 68154-1-PBS	GenBank Accession Number: BC001435	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 23564	CloneNo.: 1A10G3
Source: Mouse	UNIPROT ID: O95865	
Isotype: IgG3	Full Name: dimethylarginine dimethylaminohydrolase 2	
Immunogen Catalog Number: AG7127	Calculated MW: 29 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Rat, Mouse, Rabbit

Background Information

The DDAH family of proteins is formed by two isoforms, DDAH-1 and DDAH-2, both of which utilize ADMA as their substrate and increase NOS activity. DDAH-2, also named as DDAH, G6A, NG30, is the most prevalent isoform in blood vessels and endothelium and is important for embryonic development. It has also been linked to other diseases, such as hypertension, cerebral hemorrhage, cardiac disease, and diabetes. In cultured human endothelial cells, DDAH-2 had been found only in the cytosol, but in the nuclei of rat vascular smooth muscle cells.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

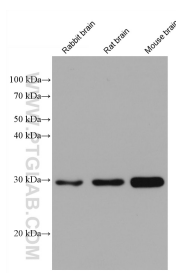
T: 4006900926

E: Proteintech-CN@ptglab.com

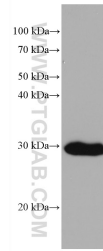
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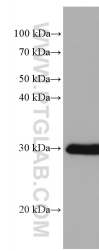
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68154-1-Ig (DDAH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68154-1-PBS in a different storage buffer formulation.



mouse retina tissue were subjected to SDS PAGE followed by western blot with 68154-1-Ig (DDAH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68154-1-PBS in a different storage buffer formulation.



rat colon tissue were subjected to SDS PAGE followed by western blot with 68154-1-Ig (DDAH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68154-1-PBS in a different storage buffer formulation.