

For Research Use Only

NDFIP2 Polyclonal antibody, PBS Only

Catalog Number: 32043-1-PBS



Basic Information

Catalog Number: 32043-1-PBS	GenBank Accession Number: NM_019080.2	Purification Method: Antigen affinity Purification
Size: 1 mg/ml	GeneID (NCBI): 54602	
Source: Rabbit	UNIPROT ID: Q9NV92	
Isotype: IgG	Full Name: Nedd4 family interacting protein 2	
Immunogen Catalog Number: AG36480	Calculated MW: 36kDa, 336aa	
	Observed MW: 39 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

NDFIP2 (Nedd4 family interacting protein 2) is a gene encoding a membrane-anchored adapter protein involved in a variety of cellular processes. It regulates protein ubiquitination and degradation by binding to the Nedd4 family of E3 ubiquitin ligases. NDFIP2 has a wide intracellular distribution, including the Golgi, mitochondria, and perinuclear region of the cytoplasm. Its function involves negative regulation of gene expression, negative regulation of protein transport, and positive regulation of protein ubiquitination. In addition, NDFIP2 is associated with a variety of diseases, such as supratentorial ventricular meningiomas in children. In the cardiovascular field, NDFIP2 affects cardiac electrophysiologic function by regulating the degradation of hERG potassium channels. It is also involved in the immune response, affecting T cell function by regulating cytokine signaling pathways. In oncology, NDFIP2 has been found to affect the antiviral response by targeting IFITM3.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

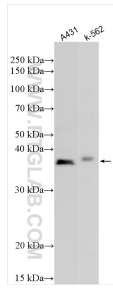
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32043-1-AP (NDFIP2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32043-1-PBS in a different storage buffer formulation.