

For Research Use Only

NGAL Recombinant antibody

Catalog Number: 82841-1-RR



Basic Information

Catalog Number: 82841-1-RR	GenBank Accession Number: NP_005555.2	Purification Method: Protein A purification
Size: 500 µg/ml	GeneID (NCBI): 3934	CloneNo.: 2G1
Source: Rabbit	UNIPROT ID: P80188	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: lipocalin 2	
	Calculated MW: 23kd	
	Observed MW: 22-25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human saliva, SW480 cells, HT-29 cells
Species Specificity: Human	

Background Information

Lipocalin-2 (LCN-2) is a adipocytokine also referred to as neutrophil gelatinase-associated lipocalin (NGAL). Lipocalin-2 is a circulatory protein responsible for the transportation of small and hydrophobic molecules to target organs. Lipocalin-2 is used as a biomarker for acute and chronic renal injury. It is present in a large variety of cells including neutrophil, hepatocytes, lung, bone marrow, adipose tissue, macrophages, thymus, non-neoplastic breast duct, prostate, and renal cells. Different functions have been associated with Lipocalin-2, including antibacterial, anti-inflammatory, and protection against cell and tissue stress (PMID:34463264).

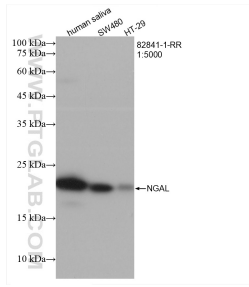
Storage

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

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



Various lysates were subjected to SDS PAGE followed by western blot with 82841-1-RR (Lipocalin-2/NGAL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.