

For Research Use Only

# RNF26 Polyclonal antibody, PBS Only

Catalog Number: 16802-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

16802-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10285

**GenBank Accession Number:**

BC000058

**GeneID (NCBI):**

79102

**UNIPROT ID:**

Q9BY78

**Full Name:**

ring finger protein 26

**Calculated MW:**

433 aa, 48 kDa

**Observed MW:**

48 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

RNF26 is concentrated predominantly in the PN segment of the ER membrane, which corresponds with its ability to position all endosomal vesicles in the PN region of the cell. RNF26 resides in the perinuclear ER membrane, and this feature enables it to spatially restrict various endolysosomal species by attracting ubiquitin-binding vesicle adaptors through a ubiquitin-independent ER MCS. RNF26 is an important E3 ubiquitin ligase that has been associated with poor prognosis in bladder cancer. And RNF26 is prevalent in normal human tissues but is upregulated in several human tumor cell lines (HL-60, HeLa S3 and SW480) (PMID: 33472082, 37519262).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

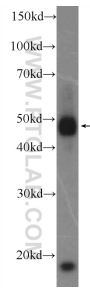
For technical support and original validation data for this product please contact:

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## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 16802-1-AP (RNF26 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16802-1-PBS in a different storage buffer formulation.