

For Research Use Only

UBFD1 Polyclonal antibody

Catalog Number: 32161-1-AP



Basic Information

Catalog Number:

32161-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36361

GenBank Accession Number:

NM_019116

GeneID (NCBI):

56061

UNIPROT ID:

O14562

Full Name:

ubiquitin family domain containing 1

Calculated MW:

309aa, 33 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293T cells, HeLa cells, Jurkat cells, NIH/3T3 cells

Background Information

UBFD1 (Ubiquitin Family Domain Containing 1) is a polyubiquitin-binding protein containing ubiquitin-like structural domains that are widely involved in protein degradation and cell signaling. This protein shows aberrant expression in a variety of cancers, especially in estrogen receptor (ER)-positive breast cancer, where high expression of UBFD1 is closely associated with poor prognosis of patients, and is considered as a potential prognostic biomarker and therapeutic target. In addition, UBFD1 was also found to be associated with MYC-mediated tumor aggressiveness in T-cell acute lymphoblastic leukemia (T-ALL), which functionally involves the endoplasmic reticulum-associated degradation (ERAD) pathway. UBFD1 is also expressed in inner ear hair cells and ear epithelial cells, suggesting that it may play a role in hearing-related diseases.

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

*** 20ul sizes contain 0.1% BSA

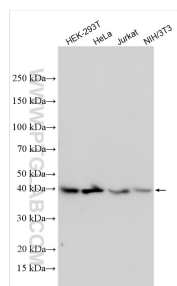
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32161-1-AP (UBFD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.