

For Research Use Only

# UBFD1 Polyclonal antibody

Catalog Number: 32161-1-AP



## Basic Information

<b>Catalog Number:</b> 32161-1-AP	<b>GenBank Accession Number:</b> NM_019116	<b>Purification Method:</b> Antigen affinity Purification
<b>Concentration:</b> 450 ug/ml	<b>GeneID (NCBI):</b> 56061	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O14562	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin family domain containing 1	
<b>Immunogen Catalog Number:</b> AG36361	<b>Calculated MW:</b> 309aa, 33 kDa	
	<b>Observed MW:</b> 40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293T cells, HeLa cells, Jurkat cells, NIH/3T3 cells
<b>Species Specificity:</b> human, mouse	

## 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**

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

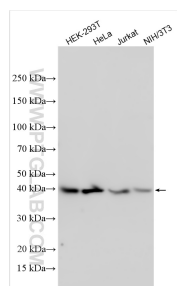
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## Selected Validation Data



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.