

For Research Use Only

# UBTD1 Polyclonal antibody

Catalog Number:20158-1-AP



## Basic Information

<b>Catalog Number:</b> 20158-1-AP	<b>GenBank Accession Number:</b> BC007331	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 80019	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9HAC8	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin domain containing 1	
<b>Immunogen Catalog Number:</b> AG14082	<b>Calculated MW:</b> 227 aa, 26 kDa	
	<b>Observed MW:</b> 26-30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : DU 145 cells, MG-63 cells, U2OS cells, rat skeletal muscle tissue
<b>Species Specificity:</b> human, rat	

## Background Information

Ubiquitin domain-containing protein 1 (UBTD1) is highly evolutionary conserved and has been described to interact with E2 enzymes of the ubiquitin-proteasome system. Even if its biological functions remain largely unknown, UBTD1 expression is regulated by P53 and induces cellular senescence by stabilizing P53 through degradation of murine double minute 2 (MDM2). (PMID: 30804013, PMID: 33884955)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

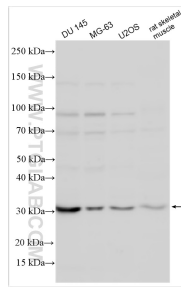
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20158-1-AP (UBTD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.