

For Research Use Only

# UBTD1 Polyclonal antibody, PBS Only

Catalog Number:20158-1-PBS



## Basic Information

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

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

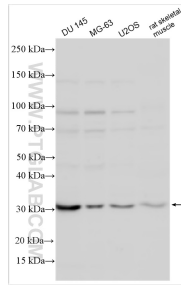
T: 4006900926

E: Proteintech-CN@ptglab.com

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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. This data was developed using the same antibody clone with 20158-1-PBS in a different storage buffer formulation.