

**UBTD1 Antibody (C-term G195)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP1083e****Specification**

---

**UBTD1 Antibody (C-term G195) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q9HAC8</a>
Other Accession	<a href="#">Q68FV8</a> , <a href="#">Q91WB7</a> , <a href="#">Q3ZBQ1</a>
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25938
Antigen Region	180-212

**UBTD1 Antibody (C-term G195) - Additional Information****Gene ID** 80019**Other Names**

Ubiquitin domain-containing protein 1, UBTD1

**Target/Specificity**

This UBTD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-212 amino acids from the C-terminal region of human UBTD1.

**Dilution**

IHC-P~~1:50

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

UBTD1 Antibody (C-term G195) is for research use only and not for use in diagnostic or therapeutic procedures.

**UBTD1 Antibody (C-term G195) - Protein Information****Name** UBTD1

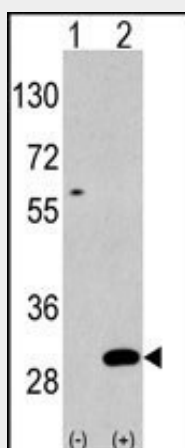
**Function** May be involved in the regulation of cellular senescence through a positive feedback loop with TP53. Is a TP53 downstream target gene that increases the stability of TP53 protein by promoting the ubiquitination and degradation of MDM2.

### UBTD1 Antibody (C-term G195) - Protocols

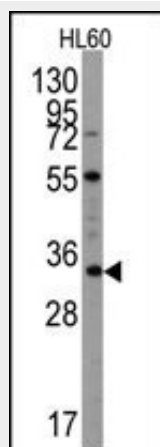
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

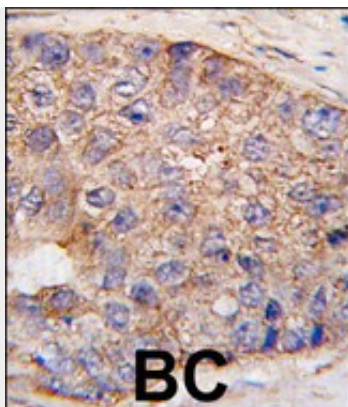
### UBTD1 Antibody (C-term G195) - Images



Western blot analysis of UBTD1 (arrow) using rabbit polyclonal UBTD1 Antibody (C-term G195) polyclonal antibody (Cat.#AP1083e). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the UBTD1 gene (Lane 2) (Origene Technologies).



Western blot analysis of UBTD1 Antibody (C-term G195) (Cat.#AP1083e) in HL60 cell line lysates (35ug/lane). UBTD1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with UBTD1 Antibody (C-term G195)(Cat.#AP1083e), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

#### **UBTD1 Antibody (C-term G195) - Background**

UBTD1 contains a ubiquitin domain, and has been demonstrated to bind to p53 in cells p53 is linked to the ubiquitination pathway through its transcriptional regulation of the four ubiquitin ligases, MDM2, COP1, Siah1b, and Pirh2. The role of UBTD1 has not been elucidated, however preliminary evidence indicates a potential role in p53 signaling.

#### **UBTD1 Antibody (C-term G195) - References**

Ota, T., et al., Nat. Genet. 36(1):40-45 (2004).