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Anti-UBTD1 Antibody

Catalog # AP51601

Product Information

Application	WB, IHC
Primary Accession	Q9HAC8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25938

Additional Information

Gene ID	80019
Other Names	Ubiquitin domain-containing protein 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human UBTD1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

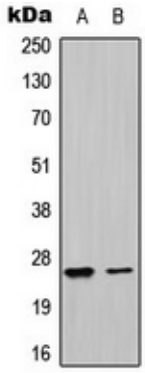
Protein Information

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.

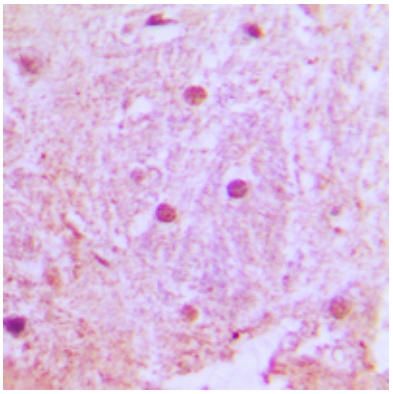
References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of UBTD1 expression in HepG2 (A), K562 (B) whole cell lysates. (Predicted band size: 25 kD; Observed band size: 25 kD)



Immunohistochemical analysis of UBTD1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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