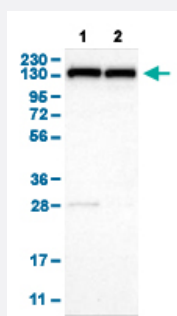


UBE4B polyclonal antibody

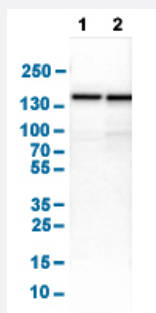
Catalog # PAB31624 Size 100 uL

Applications



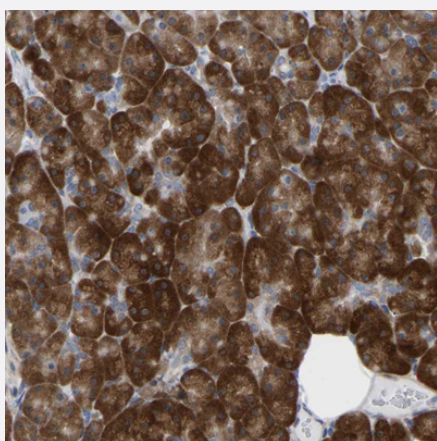
Western Blot (Cell lysate)

Western Blot analysis of (1) human cell line RT-4, and (2) human cell line U-251MG sp.



Western Blot

Western Blot analysis of (1) NIH-3T3 cell lysate (Mouse embryonic fibroblast cells), and (2) NBT-II cell lysate (Rat Wistar bladder tumour cells).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human UBE4B.
Immunogen	Recombinant protein corresponding to amino acids 2-67 of human UBE4B.
Sequence	EELSADEIRRRRLARLAGGQTSQPTTPLTSPQRENPPGPPIAASAPGPSQSLGLNVHNMTPATSPI
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (0.4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of (1) human cell line RT-4, and (2) human cell line U-251MG sp.

- Western Blot

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Gene Info — UBE4B

Entrez GeneID [10277](#)

Protein Accession#	O95155
Gene Name	UBE4B
Gene Alias	E4, HDNB1, KIAA0684, UBOX3, UFD2
Gene Description	ubiquitination factor E4B (UFD2 homolog, yeast)
Gene Ontology	Hyperlink
Gene Summary	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. This gene is also the strongest candidate in the neuroblastoma tumor suppressor genes. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP000000001726 OTTHUMP000000001727 homologous to yeast UFD2 homozygously deleted in neuroblastoma-1 ubiquitin-fusion degradation protein 2 ubiquitination factor E4B ubiquitination factor E4B (homologous to yeast UFD2)

Publication Reference

- [Proteomic screen reveals Fbw7 as a modulator of the NF-κB pathway.](#)

Arabi A, Ullah K, Branca RM, Johansson J, Bandarra D, Haneklaus M, Fu J, Aries I, Nilsson P, Den Boer ML, Pokrovskaja K, Grandér D, Xiao G, Rocha S, Lehtiö J, Sangfelt O.

Nature Communications 2012 Jan; 3:976.

Application: WB-Tr, Human, HCT-116 cells

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)

- [Liver Neoplasms](#)