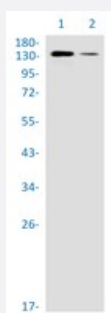


RecomAb™

UBE4B recombinant monoclonal antibody, clone R04-6C6

Catalog # RAB04421 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: PC-12 whole cell lysate and Lane 2: C6 whole cell lysate with UBE4B recombinant monoclonal antibody, clone R04-6C6 (Cat # RAB04421).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human UBE4B.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human UBE4B.
Theoretical MW (kDa)	Calculated MW: 146 k
Reactivity	Human, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. 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

Western blot analysis of Lane 1: PC-12 whole cell lysate and Lane 2: C6 whole cell lysate with UBE4B recombinant monoclonal antibody, clone R04-6C6 (Cat # RAB04421).

- Immunocytochemistry

- Immunofluorescence

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)

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

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