

UBE2A/B Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51597

Specification

UBE2A/B Antibody - Product Information

Application WB
Primary Accession P49459
Reactivity Human

Reactivity
Host
Clonality
Calculated MW
Human, Mouse, Rat
Rabbit
Polyclonal
17 KDa

Calculated MW 17 KDa Antigen Region 91 - 150

UBE2A/B Antibody - Additional Information

Gene ID 7319

Other Names

Ubiquitin-conjugating enzyme E2 A, RAD6 homolog A, HR6A, hHR6A, Ubiquitin carrier protein A, Ubiquitin-protein ligase A, UBE2A, RAD6A

Target/Specificity

KLH conjugated synthetic peptide derived from human UBE2A/B

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

UBE2A/B Antibody - Protein Information

Name UBE2A

Synonyms RAD6A

Function

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In association with the E3 enzyme BRE1 (RNF20 and/or RNF40), it plays a role in transcription regulation by catalyzing the monoubiquitination of histone H2B at 'Lys- 120' to form H2BK120ub1. H2BK120ub1 gives a specific tag for epigenetic transcriptional activation, elongation by RNA polymerase II, telomeric silencing, and is also a prerequisite for H3K4me and H3K79me formation. In vitro catalyzes 'Lys-11', as well as 'Lys-48'-linked polyubiquitination. Required for postreplication repair of UV-damaged DNA.

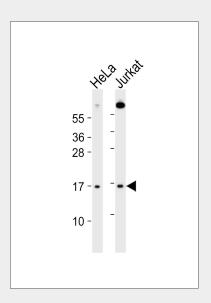


UBE2A/B Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

UBE2A/B Antibody - Images



All lanes : Anti-UBE2A/B Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysates Lane 2: Jurkat whole cell lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

UBE2A/B Antibody - Background

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UBE2A/B Antibody - References

Koken M.H.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:8865-8869(1991). Ota T.,et al.Nat. Genet. 36:40-45(2004). Ross M.T.,et al.Nature 434:325-337(2005). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Kim J.,et al.Mol. Cell 20:759-770(2005).

