

UBE2A/B rabbit pAb**Cat#: orb766686 (Manual)**

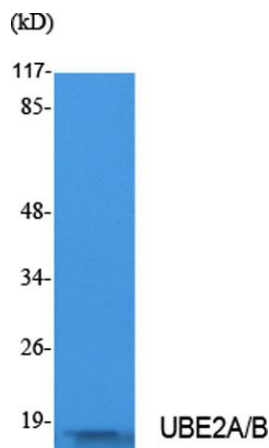
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Product Name	UBE2A/B rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the C-terminal region of human UBE2A/B.
Specificity	UBE2A/B Polyclonal Antibody detects endogenous levels of UBE2A/B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ubiquitin-conjugating enzyme E2 A/Ubiquitin-conjugating enzyme E2 B
Gene Name	UBE2A/UBE2B
Cellular localization	chromatin,nuclear chromatin,XY body,cytoplasm,cytosol,HULC complex,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

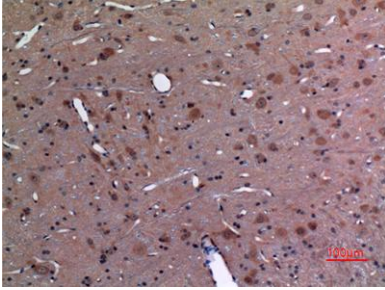
Concentration	1 mg/ml
Observed band	17kD
Human Gene ID	7320
Human Swiss-Prot Number	P49459/P63146
Alternative Names	UBE2A; RAD6A; Ubiquitin-conjugating enzyme E2 A; RAD6 homolog A; HR6A; hHR6A; Ubiquitin carrier protein A; Ubiquitin-protein ligase A; UBE2B; RAD6B; Ubiquitin-conjugating enzyme E2 B; RAD6 homolog B; HR6B; hHR6B; Ubiquitin carrier protein B; Ubiquitin-conj

Background

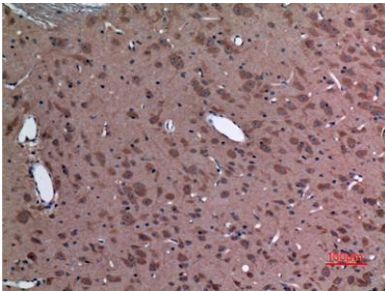
The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair, and may play a role in transcriptional regulation. Mutations in this gene are associated with mental retardation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],



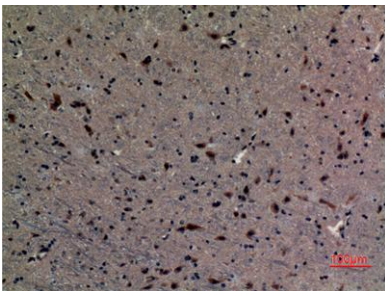
Western Blot analysis of extracts from Jurkat cells, using UBE2A/B Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100