



UBE2A/B Polyclonal Antibody

Catalog No	YP-Ab-02850
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	UBE2A/UBE2B
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UBE2A/B;UBE2A/UBE2B;Ubiquitin-conjugating enzyme E2 A;Ubiquitin-conjugating enzyme E2 B;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-conjugating enzyme E2-17 kDa;Ubiquitin-protein ligase B
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	chromatin,nuclear chromatin,XY body,cytoplasm,cytosol,HULC complex,
Tissue Specificity	Lung,Skin,Subthalamic nucleus,Thyroid,
Function	catalytic activity:ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiquityllysine.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data., function:Catalyzes the covalent attachment of ubiquitin to other proteins. Required for postreplication repair of UV-damaged DNA.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the ubiquitin-conjugating enzyme family.,subunit:Interacts with RAD18.,

**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],

matters needing attention

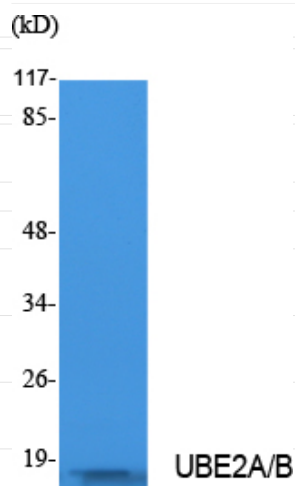
Avoid repeated freezing and thawing!

Usage suggestions

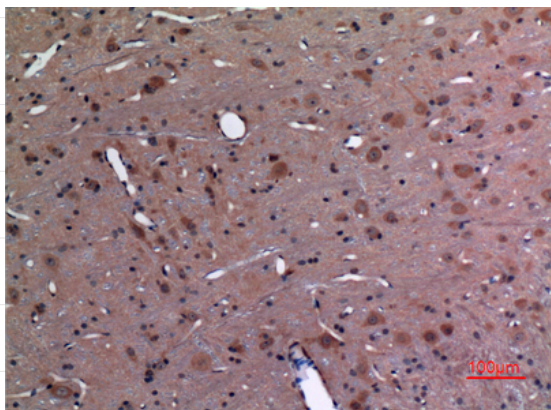
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



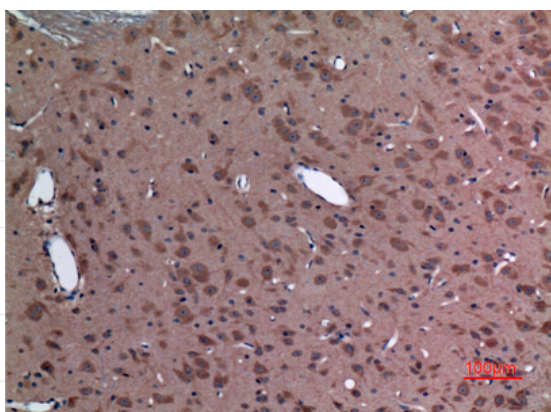
Products Images



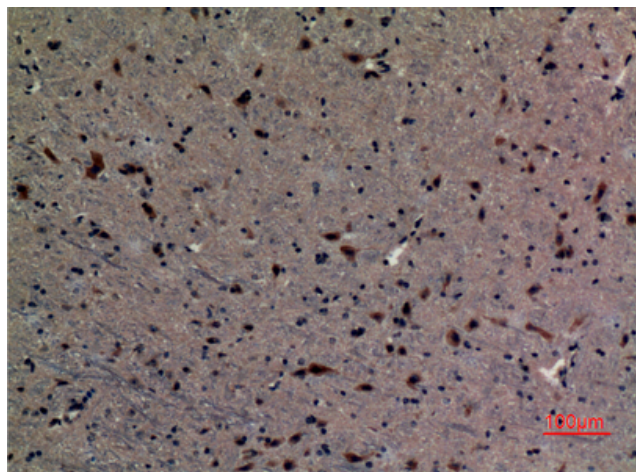
Western Blot analysis of extracts from Jurkat cells, using UBE2A/B Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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