



USP24 Polyclonal Antibody

Catalog No	YP-Ab-02831
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	USP24
Immunogen	The antiserum was produced against synthesized peptide derived from human USP24. AA range:21-70
Specificity	USP24 Polyclonal Antibody detects endogenous levels of USP24 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	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Deubiquitinating enzyme 24;EC:3.4.19.12;KIAA1057;Ubiquitin carboxyl-terminal hydrolase 24;Ubiquitin thioesterase 24;USP24;Ubiquitin-specific-processing protease 24
Observed Band	
Calculated Molecular Weight	24kD
Cell Pathway	cytoplasm,
Tissue Specificity	Brain,Epithelium,Placenta,Platelet,T-cell,
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., function:Involved in the ubiquitin-dependent proteolytic pathway in conjunction with the 26S proteasome.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 UBA domain.,
Background	Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP24 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004



[PubMed 14715245]).[supplied by OMIM, Mar 2008],

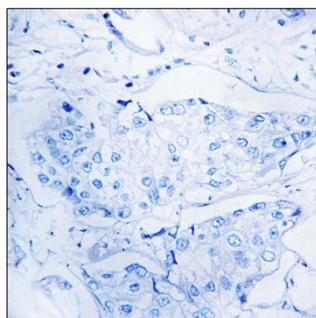
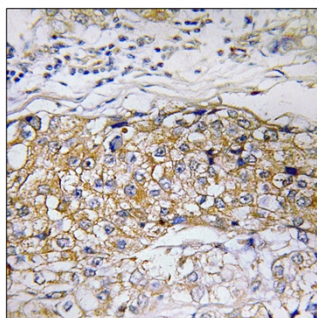
matters needing attention

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



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using USP24 Antibody. The picture on the right is blocked with the synthesized peptide.