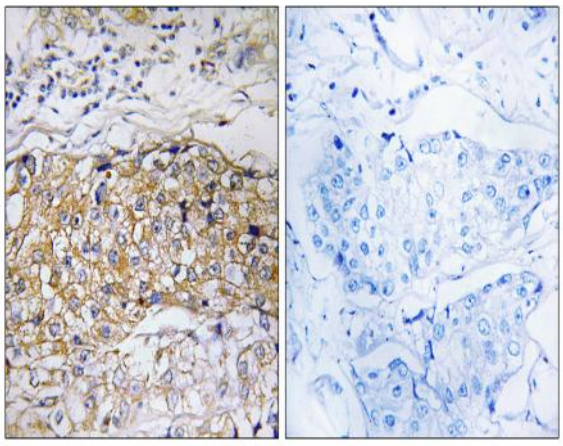
Best Tools for immunology Research

USP24 Polyclonal Antibody

Catalog No :	YT4833
Reactivity :	Human;Mouse
Applications :	IHC;IF;ELISA
Target :	USP24
Gene Name :	USP24
Protein Name :	Ubiquitin carboxyl-terminal hydrolase 24
Human Gene Id :	23358
Human Swiss Prot No :	Q9UPU5
Mouse Gene Id :	329908
Mouse Swiss Prot No :	B1AY13
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
Dilution :	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight :	211kD
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],
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.,
Subcellular Location :	cytoplasm,
Expression :	Brain,Epithelium,Placenta,Platelet,T-cell,
Sort :	24005
Host :	Rabbit
Modifications :	Unmodified

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.