



Anti-USP16 (aa 104-229) polyclonal antibody (DPABH-19608)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Specifically deubiquitinates histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Deubiquitination of histone H2A is a prerequisite for subsequent phosphorylation at Ser-10 of histone H3, and is required for chromosome segregation when cells enter into mitosis. Regulates Hox gene expression via histone H2A deubiquitination. Prefers nucleosomal substrates. Does not deubiquitinate histone H2B.
Immunogen	antigen sequence, corresponding to amino acids 104-229 of Human USP16.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, IHC-P
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	USP16 ubiquitin specific peptidase 17 [Homo sapiens]
Official Symbol	USP16
Synonyms	USP16; ubiquitin specific peptidase 16; UBPM; UBP-M; ubiquitin carboxyl-terminal hydrolase 16; ubiquitin thioesterase 16; deubiquitinating enzyme 16; ubiquitin thiolesterase 16; ubiquitin specific protease 16; ubiquitin-processing protease UBP-M; ubiquitin-specific processing protease 16; ubiquitin-specific-processing protease 16;
Entrez Gene ID	10600
Protein Refseq	NP_001001992.1
UniProt ID	Q9Y5T5
Pathway	Integrated Breast Cancer Pathway;
Function	cysteine-type endopeptidase activity; histone binding; transcription coactivator activity; ubiquitin binding