



Anti-USP44 (aa 104-249) polyclonal antibody (DPABH-20191)

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

PRODUCT INFORMATION

Antigen Description	Deubiquitinase that plays a key role in the spindle checkpoint by preventing premature anaphase onset. Acts by specifically mediating deubiquitination of CDC20, a negative regulator of the anaphase promoting complex/cyclosome (APC/C). Deubiquitination of CDC20 leads to stabilize the MAD2L1-CDC20-APC/C ternary complex (also named mitotic checkpoint), thereby preventing premature activation of the APC/C.
Immunogen	antigen sequence, corresponding to amino acids 104-249 of Human USP44. (Q9H0E7).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	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	USP44 ubiquitin specific peptidase 45 [Homo sapiens]
Official Symbol	USP44
Synonyms	USP44; ubiquitin specific peptidase 44; ubiquitin carboxyl-terminal hydrolase 44; ubiquitin thioesterase 44; deubiquitinating enzyme 44; ubiquitin thiolesterase 44; ubiquitin specific protease 44; ubiquitin-specific-processing protease 44;
Entrez Gene ID	84101
Protein Refseq	NP_001035862.1
UniProt ID	A0A024RBD7
Function	protein binding; ubiquitin thiolesterase activity; ubiquitin-specific protease activity; zinc ion binding