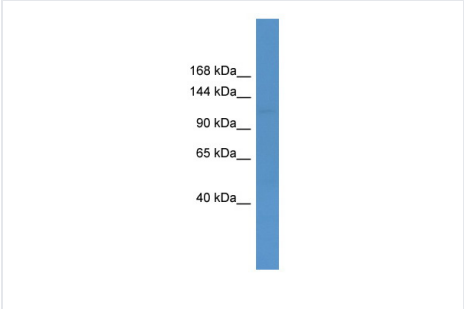
USP26 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	USP26, Polyclonal Antibody
Full Product Name	USP26 antibody - middle region
Product Gene Name	anti-USP26 antibody
Product Synonym Gene Name	MGC120066; MGC120067; MGC120068
Immunogen Sequence	Synthetic peptide located within the following region: DILDKIKSKA KETKRNDDKG DHTYRLISVV SHLGKTLKSG HYICDAYDFE
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	USP26 peptide (MBS3239222) is used for blocking the activity of USP26 antibody (MBS3214285)
Molecular Weight	104kDa
OMIM	300309
3D Structure	ModBase 3D Structure for Q9BXU7
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human USP26
Product Categories/Family for anti-USP26 antibody	Polyclonal; Various
Applications Tested/Suitable for anti-USP26 antibody	Western Blot (WB)
Related Product Information for anti-USP26 antibody	This is a rabbit polyclonal antibody against USP26. It was validated on Western Blot Target Description: This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases and is a deubiquitinating enzyme (DUB) with His and Cys domains. It is specifically expressed in testis tissue. Mutations in this gene have been associated with Sertoli cell-only syndrome and male infertility.
Other Notes	Small volumes of anti-USP26 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for USP26 purchase	MBS3214285 is an antibody targeting USP26. Also known as USP26 antibody - middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-USP26 antibody
WB Suggested Anti-USP26 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:1562500Positive Control: Human kidney

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for USP26. It may not necessarily be applicable to this product.

NCBI GI #	13994268
NCBI GeneID	83844
NCBI Accession #	NP_114113
UniProt Primary Accession #	Q9BXU7
UniProt Related Accession #	Q9BXU7
GenBank Nucleotide #	NM_031907
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 26
NCBI Official Synonym Full Names	ubiquitin specific peptidase 26
NCBI Official Symbol	USP26
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 26
UniProt Synonym Protein Names	Deubiquitinating enzyme 26; Ubiquitin thioesterase 26; Ubiquitin-specific-processing protease 26
UniProt Gene Name	USP26
UniProt Entry Name	UBP26_HUMAN
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 26
NCBI Summary for USP26	This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases and is a deubiquitinating enzyme (DUB) with His and Cys domains. It is specifically expressed in testis tissue. Mutations in this gene have been associated with Sertoli cell-only syndrome and male infertility. [provided by RefSeq, Jul 2008]
Research Articles on USP26	**1.** findings demonstrate TGF-beta enhances expression of USP26 and reinforces SMAD7 stability by limiting the ubiquitin-mediated turnover of SMAD7; clinically, loss of USP26 correlates with high TGF-beta activity and confers poor prognosis in glioblastoma; data identify USP26 as a novel negative regulator of the TGF-beta pathway and suggest that loss of USP26 expression may be an important factor in glioblastoma pathogenesis
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