

Product Datasheet

MSH5 Antibody NBP1-20946

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-20946**MSH5 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

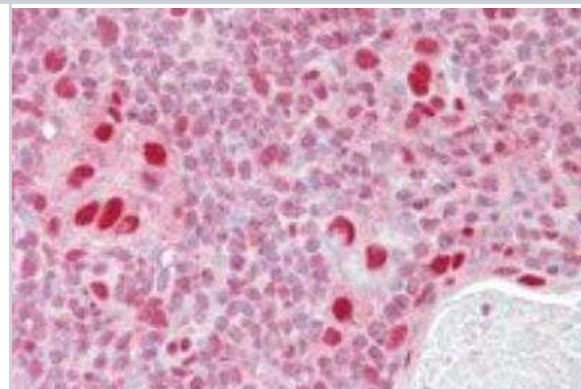
Product Description	
Host	Goat
Gene ID	4439
Gene Symbol	MSH5
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise three reported isoforms (NP_079535.3 ; NP_751897.1; NP_002432.1); Reported variants NP_751898.1 and NP_002432.1 represent identical protein.
Immunogen	Peptide with sequence GDLHCEIRDQET corresponding to internal region according to NP_751897.1, NP_002432.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunohistochemistry 2.5 - 3.75 ug/ml, Immunohistochemistry-Paraffin 2.5 - 3.75 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Preliminary experiments gave an approx. 38 kDa band in human testis, tonsil and thymus lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 92.9 kDa band according to the smallest reported isoform NP_002432.1. The 38 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human testis shows nuclear staining in spermatocytes.

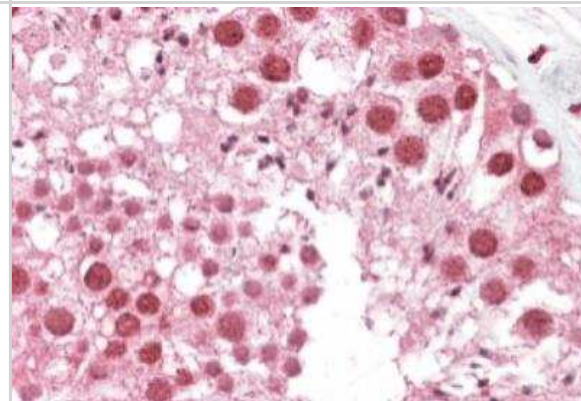


Images

Immunohistochemistry-Paraffin: MSH5 Antibody [NBP1-20946] - Staining of Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: MSH5 Antibody [NBP1-20946] - Staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Neyton S, Lespinasse F, Lahaye F et al. CRM1-dependent nuclear export and dimerization with hMSH5 contribute to the regulation of hMSH4 subcellular localization. Exp Cell Res 2007-10-15 [PMID: 17869244]



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Products Related to NBP1-20946

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-57274PEP	MSH5 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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