

Product datasheet for **AP31857PU-N**

MSH5 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	Peptide ELISA: 1/64000 (Detection Limit). Western blot: Preliminary experiments gave an approx 38kDa band in Human Testis, Tonsil and Thymus lysates after 0.1µg/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 92.9kDa according to the smallest reported isoform NP_002432.1. The 38kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported? Immunohistochemistry on Paraffin Sections: 2.5-3.8 µg/ml. In paraffin embedded Human Testis shows nuclear staining in spermatocytes.
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_079535.3, NP_751897.1, NP_002432.1.
Specificity:	This antibody is expected to recognise three reported isoforms (NP_079535.3, NP_751897.1 and NP_002432.1.
Formulation:	Tris buffered saline, pH~7.3 containing 0.02% Sodium Azide as preservative and 0.5% BSA as stabilizer State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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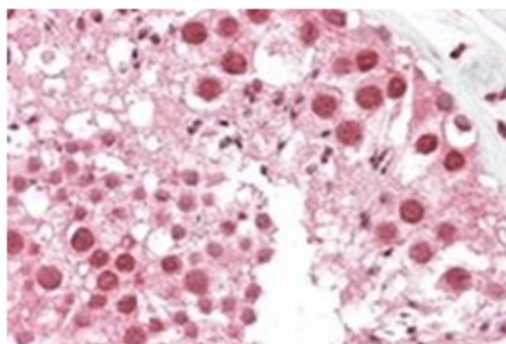
Gene Name: mutS homolog 5

Database Link: [Entrez Gene 17687 Mouse](#)[Entrez Gene 294252 Rat](#)[Entrez Gene 4439 Human](#)
[O43196](#)

Synonyms: MutS protein homolog 5

Protein Families: Druggable Genome

Product images:



Staining of paraffin embedded Human Testis using MSH5 Antibody at 3.8 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.