

Goat Anti-MEST Antibody
Peptide-affinity purified goat antibody
Catalog # AF2183a**Specification**

Goat Anti-MEST Antibody - Product Information

Application	WB
Primary Accession	Q5EB52
Other Accession	NP_803490 , 4232 , 17294 (mouse) , 58827 (rat)
Reactivity	Mouse, Rat
Predicted	Human, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	38830

Goat Anti-MEST Antibody - Additional Information**Gene ID** 4232**Other Names**

Mesoderm-specific transcript homolog protein, 3.-.-., Paternally-expressed gene 1 protein, MEST, PEG1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-MEST Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-MEST Antibody - Protein Information**Name** MEST**Synonyms** PEG1**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

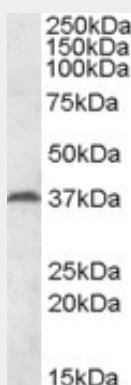
Highly expressed in hydatidiform moles, but barely expressed in dermoid cysts. Biallelic expression is detected in blood lymphocytes. Seems to be imprinted in an isoform-specific manner rather than in a tissue-specific manner in lymphocytes. Isoform 1 is expressed only from the paternal allele. Isoform 2 is expressed from both the paternal allele and the maternal allele.

Goat Anti-MEST Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-MEST Antibody - Images



AF2183a (0.2 µg/ml) staining of Mouse Testis lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-MEST Antibody - Background

This gene encodes a member of the [alpha]/[beta] hydrolase fold family and has isoform specific imprinting. The loss of imprinting of this gene has been linked to certain types of cancer and may be due to promotor switching. The encoded protein may play a role in development. Three transcript variants encoding two distinct isoforms have been identified for this gene. A pseudogene for this locus is located on chromosome 6.