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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 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 Cytomety
- 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.