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GCM1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16249

Specification

GCM1 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9NP62
Other Accession	NM_003643, NP_003634
Reactivity	**Human, Rabbit, Horse, Dog**
Predicted	**Human, Rabbit, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**49kDa KDa**

GCM1 antibody - C-terminal region - Additional Information

Gene ID 8521

Alias Symbol	**GCMA, hGCMa**

Other Names
Chorion-specific transcription factor GCMa, hGCMa, GCM motif protein 1, Glial cells missing homolog 1, GCM1, GCMA

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-GCM1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
GCM1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GCM1 antibody - C-terminal region - Protein Information

Name GCM1

Synonyms GCMA

Function
Transcription factor involved in the control of expression of placental growth factor (PGF) and other placenta-specific genes (PubMed:10542267, PubMed:18160678). Binds to the trophoblast-specific element 2 (TSE2) of the aromatase gene enhancer (PubMed:10542267). Binds to the SYDE1 promoter (PubMed:<a

href="http://www.uniprot.org/citations/27917469" target="_blank">27917469). Has a central role in mediating the differentiation of trophoblast cells along both the villous and extravillous pathways in placental development (PubMed:19219068).

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00245}.

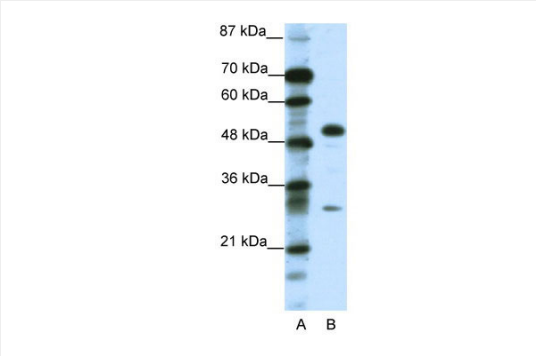
Tissue Location
Highly expressed in the placenta (PubMed:10542267). Expressed in trophoblast cells of the villi (PubMed:27917469)

GCM1 antibody - C-terminal region - 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

GCM1 antibody - C-terminal region - Images



WB Suggested Anti-GCM1 Antibody Titration: 0.2-1 µg/ml
Positive Control: HepG2 cell lysate

GCM1 antibody - C-terminal region - Background

Transcription factor that is necessary for placental development. Binds to the trophoblast-specific element 2 (TSE2) of the aromatase gene enhancer.

GCM1 antibody - C-terminal region - References

Akiyama Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:14912-14916(1996).
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Yamada K.,et al.J. Biol. Chem. 274:32279-32286(1999).
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Mungall A.J.,et al.Nature 425:805-811(2003).

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