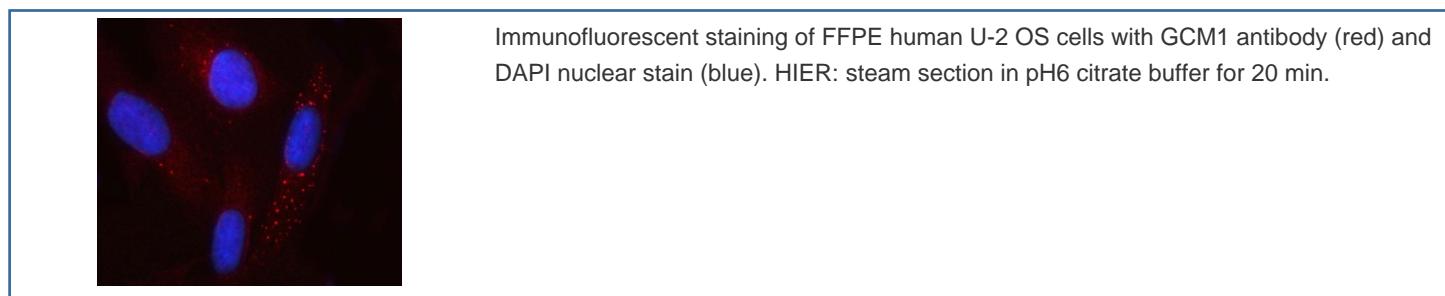


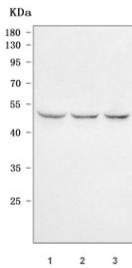
GCM1 Antibody / Glial cells missing homolog 1 / GCMA (RQ7783)

Catalog No.	Formulation	Size
RQ7783	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NP62
Localization	Vesicles
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This GCM1 antibody is available for research use only.





Western blot testing of human 1) HepG2, 2) HeLa and 3) human placental tissue lysate with GCM1 antibody. Predicted molecular weight ~49 kDa.

Description

Chorion-specific transcription factor GCMA is a protein that, in humans, is encoded by the GCM1 gene. This gene encodes a DNA-binding protein with a *gcm*-motif (glial cell missing motif). The encoded protein is a homolog of the *Drosophila* glial cells missing gene (*gcm*). This protein binds to the GCM-motif (A/G)CCCGCAT, a novel sequence among known targets of DNA-binding proteins. The N-terminal DNA-binding domain confers the unique DNA-binding activity of this protein.

Application Notes

Optimal dilution of the GCM1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E188-R436) was used as the immunogen for the GCM1 antibody.

Storage

After reconstitution, the GCM1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.