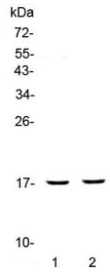
PLAC9 Antibody / Placenta-specific protein 9 (RQ4388)

Catalog No.	Formulation	Size
RQ4388	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 and 0.025% sodium azide
UniProt	Q5JTB6
Localization	Secreted
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (human recombinant protein)
Limitations	This PLAC9 antibody is available for research use only.



Western blot testing of different lots of human placenta lysate with PLAC9 antibody at 0.5ug/ml. Predicted molecular weight: ~10 kDa, observed here at ~17 kDa.

Description

By microarray assay to search for mouse genes enriched in placenta, Plac9 was identified as a placenta-enriched gene expressed in mouse 16-cell morula cDNA. By database analysis, human PLAC9, which encodes a deduced 97-amino acid protein, was identified. The deduced 108-amino acid mouse protein has a predicted signal peptide, a coiled-coil domain, and shares 73% identity with human PLAC9. Northern blot analysis of mouse placenta and embryo RNA at 12.5

and 18.5 days postcoitum (dpc) detected predominant expression in placenta.

Application Notes

Optimal dilution of the PLAC9 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids R30-L81 was used as the immunogen for the PLAC9 antibody.

Storage

After reconstitution, the PLAC9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.