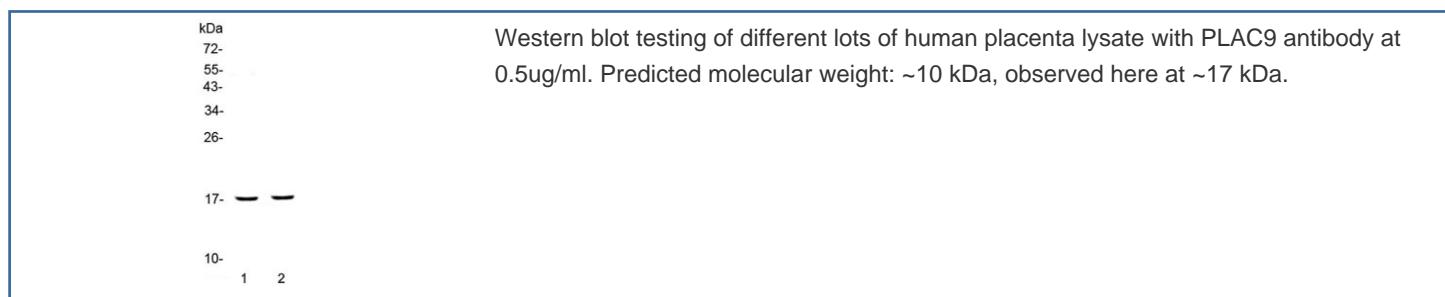


## PLAC9 Antibody / Placenta-specific protein 9 (RQ4388)

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.



### 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.