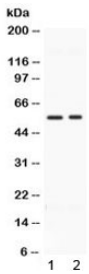
BMP15 Antibody / Bone morphogenetic protein 15 (R32516)

Catalog No.	Formulation	Size
R32516	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
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	O95972
Applications	Western blot: 0.5-1ug/ml
Limitations	This BMP15 antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) MCF7 cell lysate with BMP15 antibody at 0.5ug/ml. Routinely observed molecular weight: ~50 kDa pro form and 16-17 kDa mature form.

Description

Bone morphogenetic protein 15 is a protein that in humans is encoded by the BMP15 gene. It's mainly involved in folliculogenesis. The protein encoded by this gene is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The transforming growth factor-beta superfamily includes large families of growth and differentiation factors. It is thought that this protein may be involved in oocyte maturation and follicular development as a homodimer or by forming heterodimers with a related protein, Gdf9. Defects in this gene are the cause of ovarian dysgenesis 2.

Application Notes

Differences in protocols and secondary/substrate sensitivity may require the BMP15 antibody to be titrated for optimal performance.

Immunogen

Amino acids Q268-R392 from the human protein were used as the immunogen for the BMP15 antibody.

Storage

After reconstitution, the BMP15 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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