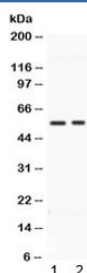


## BMP15 Antibody / Bone morphogenetic protein 15 (R32516)

| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| R32516      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                             |
| <b>Species Reactivity</b> | Human                                                         |
| <b>Format</b>             | Antigen affinity purified                                     |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                    |
| <b>Isotype</b>            | Rabbit IgG                                                    |
| <b>Purity</b>             | Antigen affinity                                              |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| <b>UniProt</b>            | O95972                                                        |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml                                     |
| <b>Limitations</b>        | 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.