

BMP15 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22269a

Specification

BMP15 Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | IF, WB,E |
| Primary Accession | O95972 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 45055 |

BMP15 Antibody - Additional Information

Gene ID 9210

Other Names

Bone morphogenetic protein 15, BMP-15, Growth/differentiation factor 9B, GDF-9B, BMP15, GDF9B

Target/Specificity

This BMP15 antibody is generated from a rabbit immunized with a recombinant protein of human BMP15.

Dilution

IF~~1:25

WB~~1:4000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

BMP15 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

BMP15 Antibody - Protein Information

Name BMP15

Synonyms GDF9B

Function May be involved in follicular development. Oocyte-specific growth/differentiation factor that stimulates folliculogenesis and granulosa cell (GC) growth.

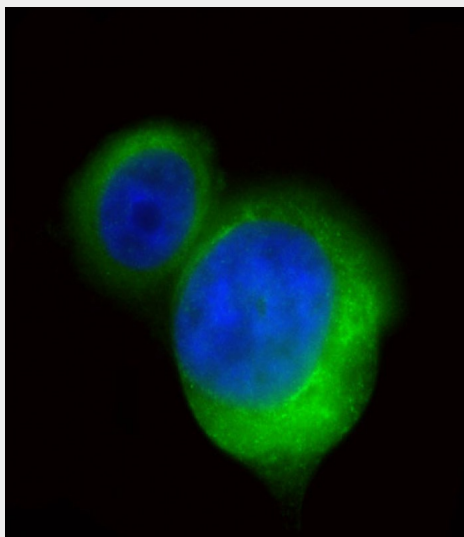
Cellular Location
Secreted.

BMP15 Antibody - Protocols

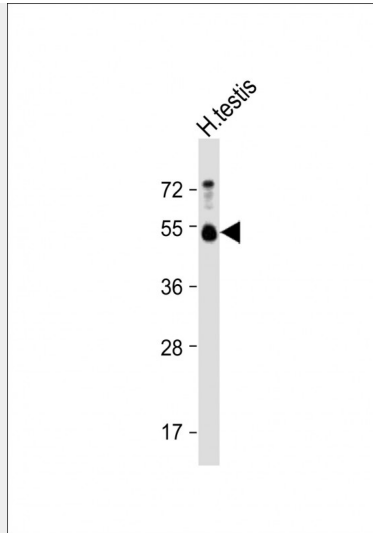
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BMP15 Antibody - Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized PC-3 cells labeling BMP15 with AP22269a at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Cytoplasm and Weak Nucleus staining on PC-3 cell line. The nuclear counter stain is DAPI (blue).



Anti-BMP15 Antibody at 1:4000 dilution + Human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

BMP15 Antibody - Background

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BMP15 Antibody - References

- Dube J.L.,et al.Mol. Endocrinol. 12:1809-1817(1998).
- Aaltonen J.,et al.J. Clin. Endocrinol. Metab. 84:2744-2750(1999).
- Ross M.T.,et al.Nature 434:325-337(2005).
- Saito S.,et al.Protein Sci. 17:362-370(2008).
- Crawford J.L.,et al.Mol. Cell. Endocrinol. 348:339-343(2012).