

BMP-15 Polyclonal Antibody

Catalog NumberPA5-29107

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 143 and 392 of Human BMP15	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: A431, H1299, HepG2, Raji. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

BMP15, or GDF9B is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily that are involved in embryonic development and adult tissue homeostasis. BMP15 is expressed exclusively in the oocyte. It is an oocyte-specific growth /differentiation factor that may be involved in oocyte maturation and follicular development. Defects in BMP15 are the cause of ovarian dysgenesis type 2. BMP15 could be used as an oogenesis marker to track human amniotic fluid stem cells differentiation into the oocyte-like cells.

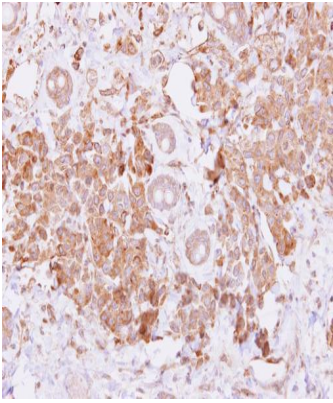
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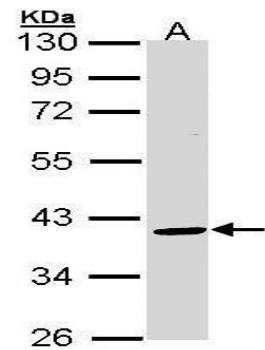
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Product Images For BMP-15 Polyclonal Antibody



BMP-15 Antibody (PA5-29107) in IHC (P)
Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using BMP15 (Product # PA5-29107) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



BMP-15 Antibody (PA5-29107) in WB
Western Blot using BMP-15 Polyclonal Antibody (Product # PA5-29107). Sample (30 µg of whole cell lysate). Lane A: H1299. 10% SDS PAGE. BMP-15 Polyclonal Antibody (Product # PA5-29107) diluted at 1:1,000.

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