BMP5 Rabbit Polyclonal Antibody

Catalog No: #55501

Package Size: #55501-1 50ul #55501-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

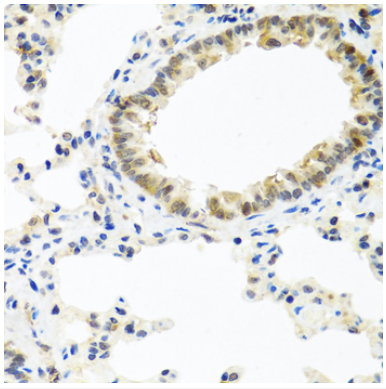
Description

Product Name	BMP5 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human BMP5 (NP_066551.1).
Conjugates	Unconjugated
Other Names	BMP5
Accession No.	Swiss Prot:P22003GeneID:653
Calculated MW	47kDa/51kDa
SDS-PAGE MW	52kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

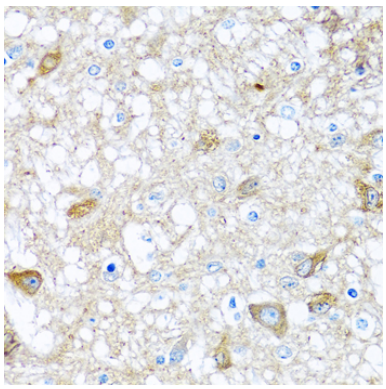
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:100

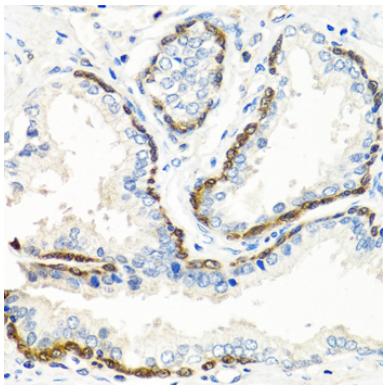
Images



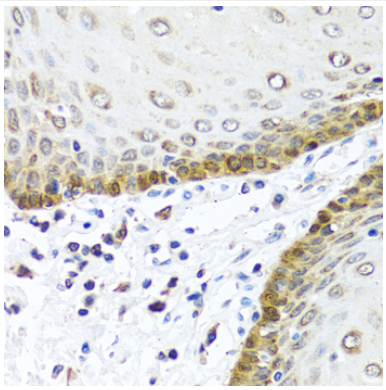
Immunohistochemistry of paraffin-embedded rat lung using BMP5 at dilution of 1:100 (40x lens).



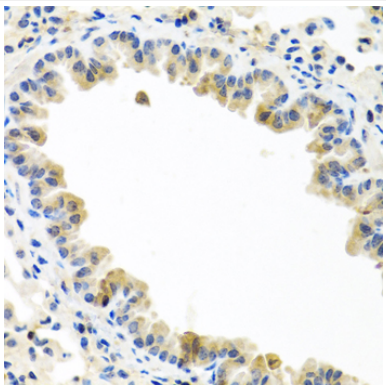
Immunohistochemistry of paraffin-embedded rat brain using BMP5 at dilution of 1:100 (40x lens).



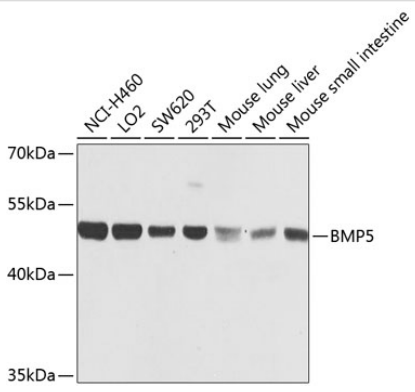
Immunohistochemistry of paraffin-embedded human prostate using BMP5 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using BMP5 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using BMP5 at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using BMP5 at 1:1000 dilution.

Background

This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.