

Catalog #: 51002

Aliases

PPH1; Bone morphogenetic protein receptor type-2; BMP type-2 receptor; BMPR-2; Bone morphogenetic protein receptor type II; BMP type II receptor; BMPR-II

Background

Gene Name: BMPR2

NCBI Gene Entry: [659](#)

UniProt Entry: [Q13873](#)

Application Information

Molecular Weight: Predicted, 115 kDa; observed, 100 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, pig

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human BMPR2

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:100

Note: This product is for research use only.

Validation Data

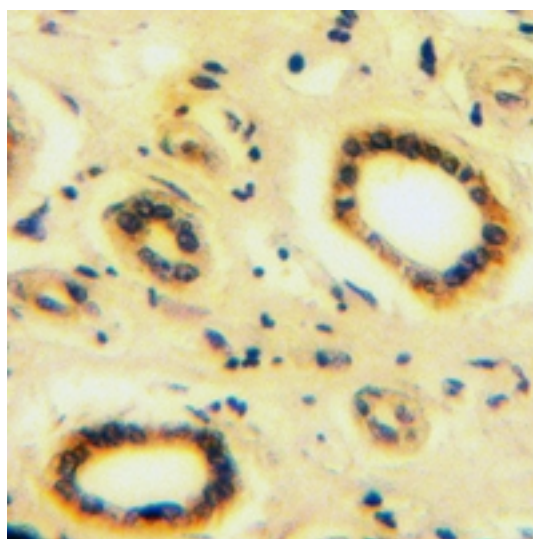
SUPPORT

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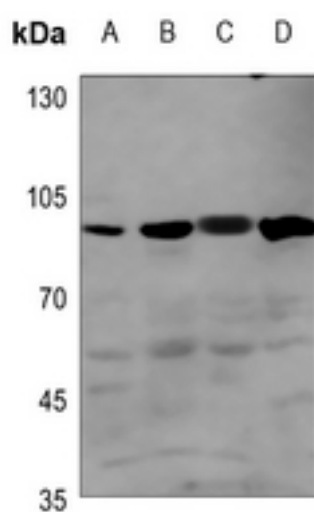
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Immunohistochemical analysis of BMPR2 staining in human kidney cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of BMPR2 expression in mouse kidney (A), mouse heart (B), rat kidney (C), rat heart (D) whole cell lysates.