

BMPR2 Polyclonal Antibody

Catalog Number:E-AB-14441

Note: Centrifuge before opening to ensure complete recovery of vial contents.

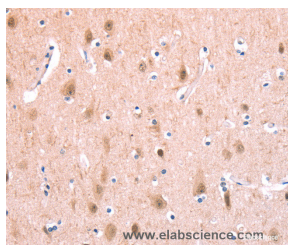
Description

Reactivity	Human,Mouse
Immunogen	Recombinant protein of human BMPR2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

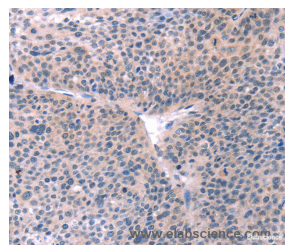
Applications Recommended Dilution

IHC	1:25-1:100
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Data



Immunohistochemistry of paraffin-embedded Human brain tissue using BMPR2 Polyclonal Antibody at dilution 1:35



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BMPR2 Polyclonal Antibody at dilution 1:35

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.
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Background

This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of two different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. Mutations in this gene have been associated with primary pulmonary hypertension, both familial and fenfluramine-associated, and with pulmonary venoocclusive disease.

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