

Recombinant

DGRmAb®

Activin Receptor Type IIB (DGR31436) Rabbit mAb (PBS Only)

db12436-PBS

Package : 10µg 100µg

Product Name : Activin Receptor Type IIB (DGR31436) Rabbit mAb (PBS Only)**Cat.No.:** db12436-PBS**Synonyms** : HTX4; ACTRIIB; ActR-IIB**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) receptors. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling; and type II receptors are required for binding ligands and for expression of type I receptors. Type I and II receptors form a stable complex after ligand binding, resulting in phosphorylation of type I receptors by type II receptors. Type II receptors are considered to be constitutively active kinases. This gene encodes activin A type IIB receptor, which displays a 3- to 4-fold higher affinity for the ligand than activin A type II receptor. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Activin Receptor Type IIB/ACVR2B

Gene ID

93

Swiss Prot

Q13705

Synonyms

HTX4; ACTRIIB; ActR-IIB

Reactivity

Human,Mouse,Rat

Application

WB, IP

Calculated MW

58 kDa

Observed MW

58 kDa

Host species

Rabbit

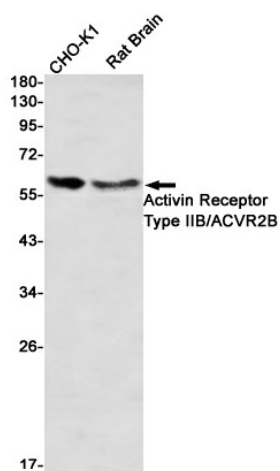
Clonality

Monoclonal

Clonality No.

DGR31436

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Activin Receptor Type IIB/ACVR2B in CHO-K1, mouse Brain using Activin Receptor Type IIB/ACVR2B antibody(1:1000 diluted)