

AVR2B Rabbit pAb

CatalogNo: YN0395

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 56kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 40-120

Specificity

AVR2B Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

ACVR2B

Protein Name Activin receptor type-2B (Activin receptor type IIB) (ACTR-IIB)

Organism	Gene ID	UniProt ID
Human	93 ;	Q13705 ;
Mouse		P27040 ;
Rat		P38445 ;

Cellular Localization Cell membrane ; Single-pass type I membrane protein .

Tissue specificity Brain,PCR rescued clones,

Function Catalytic activity:ATP + [receptor-protein] = ADP + [receptor-protein] phosphate.,cofactor:Magnesium or manganese.,Disease:Defects in ACVR2B are a cause of left-right axis malformations [MIM:602730]. Th effect is due to the loss of normal left-right asymmetry. Complete left-right asymmetry reversal imparts no deleterious consequences to the affected individual, whereas randomization typically results in complex, often lethal heart malformations as well as abdominal abnormalities.,Function:On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for activin A, activin B and inhibin A.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. TGFB receptor subfamily.,similarity:Contains 1 protein kinase domain.,

Validation Data

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
AVR2B Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)