

ALK-1 Polyclonal Antibody

Catalog # AP73365

Product Information

Application WB, IHC-P **Primary Accession** P37023

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

Additional Information

Other Names ACVRL1; ACVRLK1; ALK1; Serine/threonine-protein kinase receptor R3; SKR3;

Activin receptor-like kinase 1; ALK-1; TGF-B superfamily receptor type I; TSR-I

Dilution WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet

tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p:

1:100-300 ELISA: 1/20000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

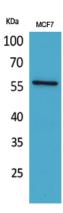
Protein Information

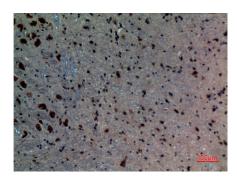
Background

Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. 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. May bind activin as well.

Images

Western Blot analysis of MCF7 cells using ALK-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000





Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.