

Product datasheet for **TA319010**

Activin A Receptor Type IC (ACVR1C) Rabbit Polyclonal Antibody

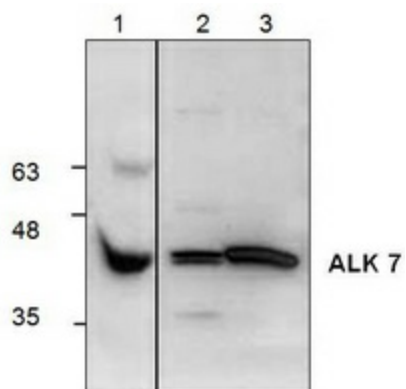
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 155 of mouse ALK-7
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	activin A receptor type 1C
Database Link:	NP_001104503 Entrez Gene 245921 Rat Entrez Gene 269275 Mouse Entrez Gene 130399 Human Q8NER5
Background:	ALK7 or ACVR1C is a type I receptor for TGFB superfamily of signaling protein. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors.
Synonyms:	ACVRLK7; ALK7
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways:	Adherens junction, Chronic myeloid leukemia, Colorectal cancer, Endocytosis, MAPK signaling pathway, Pancreatic cancer, Pathways in cancer, TGF-beta signaling pathway



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Product images:



Western blot analysis of ALK 7 with lysate from rat kidney tissue (Lane 1) and Jurkat cells (Lane 2 & 3).