For research purposes only, not for human use

Product Data Sheet

Anti-ACVR1C Antibody

Catalog #	Source	Reactivity	Applications
CQA2352	Rabbit	H	WB, IH

Description	Rabbit polyclonal antibody to ACVR1C
Immunogen	Recombinant full length protein of human ACVR1C
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of ACVR1C protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	ACVR1C
Alternative Names	ALK7; Activin receptor type-1C; Activin receptor type IC; ACTR-IC; Activin receptor-like kinase 7; ALK-7
Entrez Gene	130399 (Human)
SwissProt	Q8NER5 (Human)
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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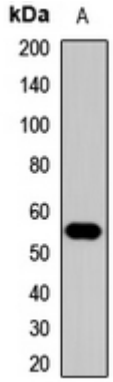
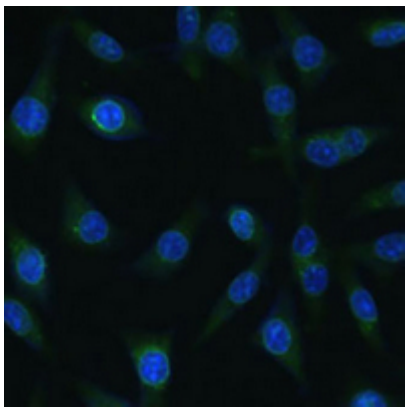


Western blot analysis of ACVR1C expression in HEK293T (A) whole cell lysates. (Predicted band size: 37; 46; 49; 54 kD; Observed band size: 55 kD)



Immunohistochemical analysis of ACVR1C staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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