

ARG44007 anti-REEP3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes REEP3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	REEP3
Species	Human
Immunogen	Human REEP3 recombinant protein
Conjugation	Un-conjugated
Alternate Names	REEP3; Receptor Accessory Protein 3 ; C10orf74; Yip2b; Receptor Expression-Enhancing Protein 3; Chromosome 10 Open Reading Frame 74

Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

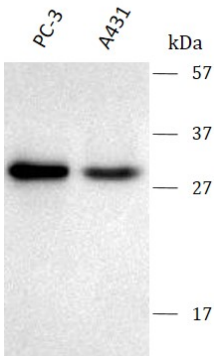
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

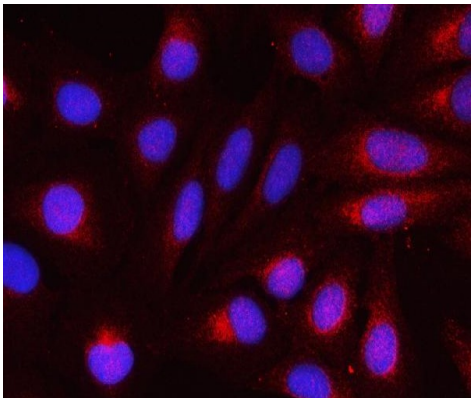
Gene Symbol	REEP3
Gene Full Name	Receptor Accessory Protein 3
Background	Predicted to enable microtubule binding activity. Involved in mitotic nuclear membrane reassembly. Predicted to be integral component of membrane. Predicted to be active in cytoplasmic microtubule; endoplasmic reticulum membrane; and endoplasmic reticulum tubular network.
Function	Microtubule-binding protein required to ensure proper cell division and nuclear envelope reassembly by sequestering the endoplasmic reticulum away from chromosomes during mitosis. Probably acts by clearing the endoplasmic reticulum membrane from metaphase chromosomes.
Calculated Mw	29 kDa
PTM	Phosphoprotein
Cellular Localization	Endoplasmic reticulum, Membrane, Microtubule

Images



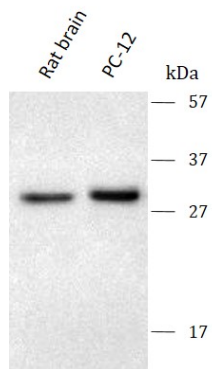
ARG44007 anti-REEP3 antibody WB image

Western blot: PC-3 and A431 stained with ARG44007 anti-REEP3 antibody at 0.5 µg/mL dilution.



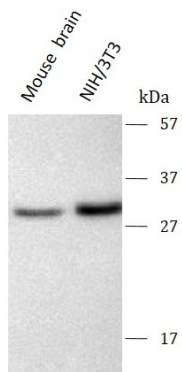
ARG44007 anti-REEP3 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG44007 anti-REEP3 antibody at 5 µg/ml dilution.



ARG44007 anti-REEP3 antibody WB image

Western blot: Rat brain and PC-12 stained with ARG44007 anti-REEP3 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG44007 anti-REEP3 antibody WB image

Western blot: Mouse brain and NIH/3T3 stained with ARG44007 anti-REEP3 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.