ARG63290
anti-BERP / RNF22 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes BERP / RNF22
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog
Tested Application	WB
Specificity	Both variants (NP_006449.2; NP_150594.2;) represent the same protein. This antibody is expected to recognise all three human isoforms of this protein.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BERP / RNF22
Species	Human
Immunogen	AKREDSPGPEVQP-C
Conjugation	Un-conjugated
Alternate Names	BERP; RING finger protein 97; RNF97; HAC1; Brain-expressed RING finger protein; Tripartite motif-containing protein 3; RING finger protein 22; RNF22

Application Instructions

Application table

Application	Dilution
WB	0.1 - 0.3 µg/ml

Application Note: WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
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

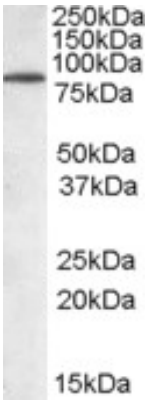
before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

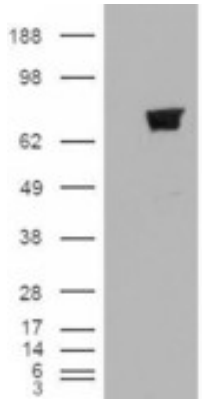
Background	The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic filaments. It is similar to a rat protein which is a specific partner for the tail domain of myosin V, a class of myosins which are involved in the targeted transport of organelles. The rat protein can also interact with alpha-actinin-4. Thus it is suggested that this human protein may play a role in myosin V-mediated cargo transport. Alternatively spliced transcript variants encoding the same isoform have been identified. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody
Calculated Mw	81 kDa

Images



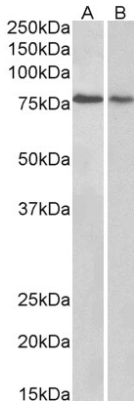
ARG63290 anti-BERP / RNF22 antibody WB image

Western Blot: Mouse Brain lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63290 anti-BERP / RNF22 antibody at 0.05 µg/ml dilution.



ARG63290 anti-BERP / RNF22 antibody WB image

Western Blot: 1). Mock transfection; 2) TRIM3 (RC211928) expressing plasmid transfected HEK293 cell lysate standed with ARG63290 anti-BERP / RNF22 antibody



ARG63290 anti-BERP / RNF22 antibody WB image

Western blot: 35 µg of Human cerebellum (A) and Rat brain (B) lysates (in RIPA buffer) stained with ARG63290 anti-BERP / RNF22 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.