Goat Anti-BERP / RNF22 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1149a

Specification

Goat Anti-BERP / RNF22 Antibody - Product Information

Application WB
Primary Accession O75382
Other Accession NP_150594, 10612, 55992 (mouse), 83616 (rat)
Reactivity Mouse
Predicted Human, Rat, Dog, Cow
Host Goat
Clonality Polyclonal
Concentration 100µg/200ul
Isotype IgG
Calculated MW 80830

Goat Anti-BERP / RNF22 Antibody - Additional Information

Gene ID 10612

Other Names
Tripartite motif-containing protein 3, Brain-expressed RING finger protein, RING finger protein 22, RING finger protein 97, TRIM3, BERP, RNF22, RNF97

Format 0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-BERP / RNF22 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-BERP / RNF22 Antibody - 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

**Cellular Location**
Cytoplasm. Early endosome. Golgi apparatus, trans-Golgi network
{ECO:0000250|UniProtKB:Q9R1R2}. Cell projection, dendrite
{ECO:0000250|UniProtKB:Q9R1R2}

**Tissue Location**
Expressed in brain, heart, uterus and testis.

**Goat Anti-BERP / RNF22 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture

spliced transcript variants encoding the same isoform have been identified.

**Goat Anti-BERP / RNF22 Antibody - References**


