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Anti-IQGAP2 Picoband Antibody

Catalog # ABO13037

Specification

Anti-IQGAP2 Picoband Antibody - Product Information

Application	**WB**
Primary Accession	Q13576
Host	**Rabbit**
Reactivity	**Human, Mouse**
Clonality	**Polyclonal**
Format	**Lyophilized**

Description
Rabbit IgG polyclonal antibody for IQGAP2 detection. Tested with WB, Direct ELISA in Human;Mouse.

Reconstitution
Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-IQGAP2 Picoband Antibody - Additional Information

Gene ID 10788

Other Names
Ras GTPase-activating-like protein IQGAP2, IQGAP2

Application Details
Western blot, 0.1-0.5 µg/ml
 Direct ELISA, 0.1-0.5 µg/ml

Contents
Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen
E. coli-derived human IQGAP2 recombinant protein (Position: A1329-Q1544).

Cross Reactivity
No cross reactivity with other proteins.

Storage	**At -20˚C; for one year. After r˚Constitution, at 4˚C; for one month. It˚Can also be aliquotted and stored frozen at -20˚C; for a longer time. Avoid repeated freezing and thawing.**

Anti-IQGAP2 Picoband Antibody - Protein Information

Name IQGAP2

Function
Binds to activated CDC42 and RAC1 but does not seem to stimulate their GTPase activity. Associates with calmodulin.

Tissue Location
Isoform 2 expression is enhanced in testis.

Anti-IQGAP2 Picoband 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 Cytomety
- Cell Culture

Anti-IQGAP2 Picoband Antibody - Images

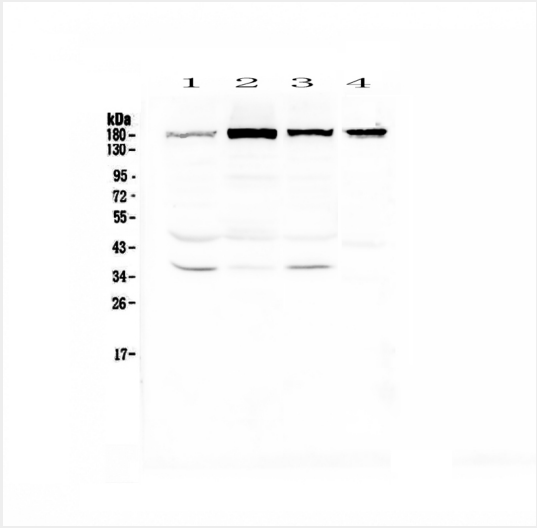

Figure 1. Western blot analysis of IQGAP2 using anti-IQGAP2 antibody (ABO13037).

Anti-IQGAP2 Picoband Antibody - Background

Ras GTPase-activating-like protein IQGAP2 is an enzyme that in humans is encoded by the IQGAP2 gene. This gene encodes a member of the IQGAP family. The encoded protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. This protein interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. It also acts as a tumor suppressor and has been found to play a role in regulating innate antiviral responses. Alternative splicing results in multiple transcript variants.