



PROF2 Monoclonal Antibody

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|--------------------|---|
| Catalog No | BYmab-07696 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | PFN2 |
| Protein Name | Profilin-2 (Profilin II) |
| Immunogen | Synthesized peptide derived from part region of human protein |
| Specificity | PROF2 Monoclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 15kD |
| Cell Pathway | Cytoplasm, cytoskeleton. |
| Tissue Specificity | Highly expressed in brain, skeletal muscle and kidney and less strongly in heart, placenta, lung and liver. |
| Function | function: Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG.,similarity: Belongs to the profilin family.,subunit: Occurs in many kinds of cells as a complex with monomeric actin in a 1:1 ratio.,tissue specificity: Highly expressed in brain, skeletal muscle and kidney and less strongly in heart, placenta, lung and liver., |
| Background | The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. [provided by RefSeq, |

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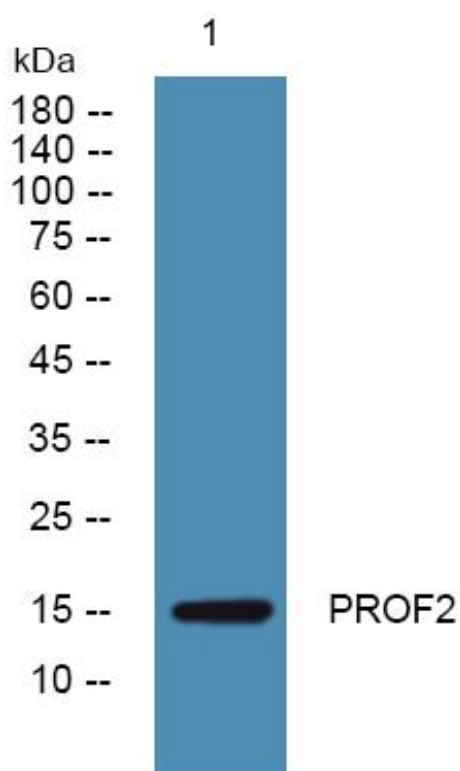
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PROF2 Monoclonal Antibody

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