

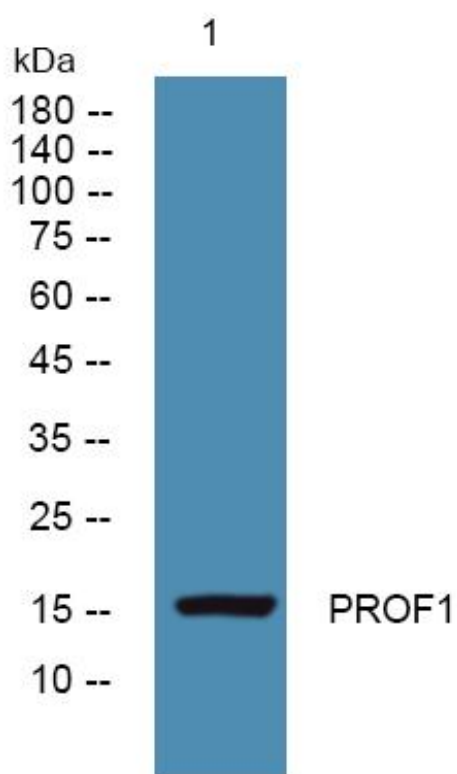


PROF1 Monoclonal Antibody

Catalog No	YP-mAb-07695
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PFN1
Protein Name	Profilin-1 (Epididymis tissue protein Li 184a) (Profilin I)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PROF1 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	15kD
Cell Pathway	Cytoplasm, cytoskeleton.
Tissue Specificity	Expressed in epididymis (at protein level).
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. Found in a complex with XPO6, Ran, ACTB and PFN1.,
Background	This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene are located on chromosome 1. [provided by RefSeq, Jul 2012],
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 PROF1 Monoclonal Antibody