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Datasheet for ABIN735737
anti-PFN2 antibody (AA 51-140) (HRP)

Overview

Quantity:	100 µL
Target:	PFN2
Binding Specificity:	AA 51-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFN2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat Profilin 2
Isotype:	IgG
Specificity:	This antibody may detect Profilin 1 due to a 71 % amino acid sequence similarity in the immunogen sequence.
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	PFN2
Alternative Name:	Profilin 2 (PFN2 Products)
Background:	Synonyms: Profilin-2, Profilin II, Pfn2 Background: 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 (By similarity).
Gene ID:	81531
UniProt:	Q9EPC6
Pathways:	Regulation of Actin Filament Polymerization , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months