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Datasheet for ABIN1711792
anti-ARL1 antibody (AA 101-181) (HRP)

Overview

Quantity:	100 µL
Target:	ARL1
Binding Specificity:	AA 101-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL1 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 human ARFL1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ARL1
Alternative Name:	ARFL1 (ARL1 Products)
Background:	Synonyms: ADP ribosylation factor like 1, ADP-ribosylation factor-like protein 1, ARFL1, Arl1,

Target Details

ARL1_HUMAN.

Background: The ADP-ribosylation factor (ARF) protein family are structurally and functionally conserved members of the Ras superfamily of regulatory GTP-binding proteins (13). ARFs influence vesicle trafficking and signal transduction in eukaryotic cells (13). ARF-dependent regulatory mechanisms include the coordination of spectrin interactions with golgi membranes and the association of actin to the golgi via rho family-dependent G-protein localization (Rac, CDC42) and WASP/Arp2/3 complexes (37). Additionally, ARFs play a central role in maintenance of organelle integrity, assembly of coat proteins, and activation of phospholipase D (57). The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6), members of each class share a common gene organization (8,9). The human ARF6 gene maps to chromosome 7q22.1, contains five exons and four introns, and encodes a 175 amino acid protein (8,9).

Gene ID: 400

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.

Handling

Expiry Date: 12 months