Datasheet for ABIN7214920

anti-Fibronectin 1 antibody (AA 2310-2390)

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Overview

Quantity:	100 µL
Target:	Fibronectin 1 (FN1)
Binding Specificity:	AA 2310-2390
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibronectin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	FN1 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the C-terminal region of human FN1 at AA range: 2310-2390
Isotype:	IgG
Specificity:	FN1 Polyclonal Antibody detects endogenous levels of FN1 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	Fibronectin 1 (FN1)
Alternative Name:	FN1 (FN1 Products)

Target Details

Background:	Rabbit Anti-FN1 Polyclonal Antibody,FN1, FN, Fibronectin, FN, Cold-insoluble globulin, CIG,FN1 encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined.,Fibronectin
Molecular Weight:	observerd band 260kDa
Gene ID:	2335
UniProt:	P02751
Pathways:	Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis, Autophagy

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

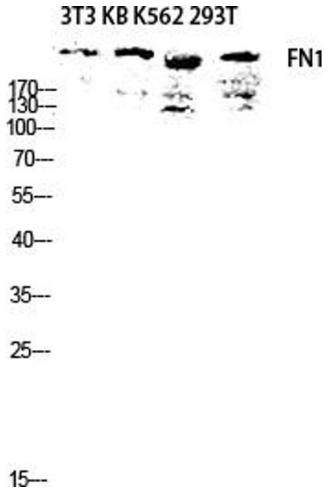
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid

Handling

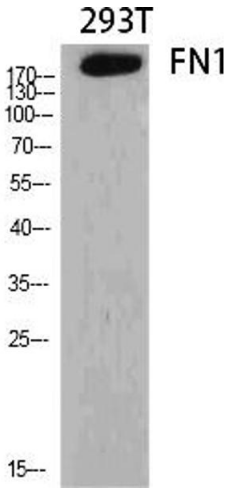
repeated freezing and thawing.

Images



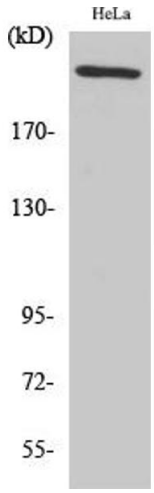
Western Blotting

Image 1. Western blot analysis of 3T3 KB K562 293T lysis using FN1 antibody. Antibody was diluted at 1:2000.



Western Blotting

Image 2. Western Blot analysis of various cells using FN1 Polyclonal Antibody diluted at 1:2000.



Western Blotting

Image 3. Western Blot analysis of HeLa cells using FN1 Polyclonal Antibody diluted at 1:2000.