

Datasheet for ABIN952376
anti-FOXN1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	FOXN1
Binding Specificity:	AA 357-386, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 357-386 amino acids from the Central region of human FOXN1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human FOXN1 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	FOXN1
Alternative Name:	FOXN1 (FOXN1 Products)
Background:	Mutations in the winged-helix transcription factor gene at the nude locus in mice and rats

Target Details

produce the pleiotropic phenotype of hairlessness and athymia, resulting in a severely compromised immune system. This gene is orthologous to the mouse and rat genes and encodes a similar DNA-binding transcription factor that is thought to regulate keratin gene expression. A mutation in this gene has been correlated with T-cell immunodeficiency, the skin disorder congenital alopecia, and nail dystrophy. Alternative splicing in the 5' UTR of this gene has been observed. [provided by RefSeq].Synonyms: Forkhead box protein N1, RONU, WHN, Winged-helix transcription factor nude

Molecular Weight: 68925 Da

Gene ID: 8456

NCBI Accession: [NP_003584](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

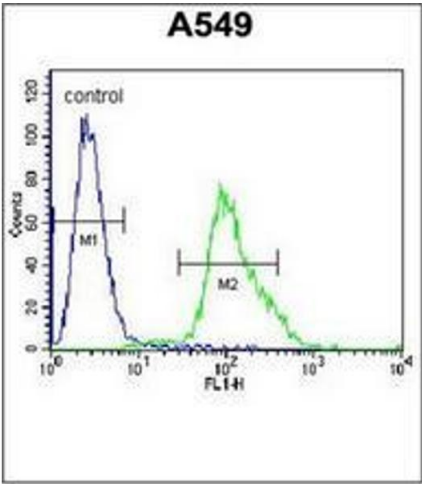
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

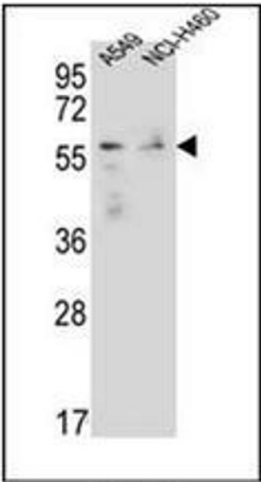
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of A549 cells using FOXN1 Antibody (Center) Cat.-No AP51716PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of FOXN1 Antibody (Center) in A549,NCI-H460 cell line lysates (35ug/lane). This demonstrates the FOXN1 antibody detected the FOXN1 protein (arrow).