



Datasheet for ABIN1387592
anti-FOXN1 antibody (AA 321-420)



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3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FOXN1
Binding Specificity:	AA 321-420
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXN1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FOXN1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FOXN1
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Target Details

Alternative Name: [FOXN1 \(FOXN1 Products\)](#)

Background: Synonyms: WHN, RONU, FKHL20, Forkhead box protein N1, Winged-helix transcription factor nude, FOXN1

Background: Mutations in the winged-helix transcription factor gene at the nude locus in mice and rats 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, Jul 2008].

Gene ID: 8456

UniProt: [O15353](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Storage: 4 °C,-20 °C

Handling

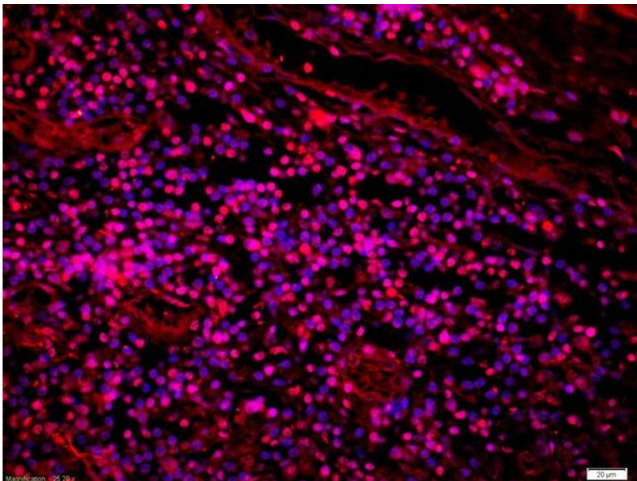
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

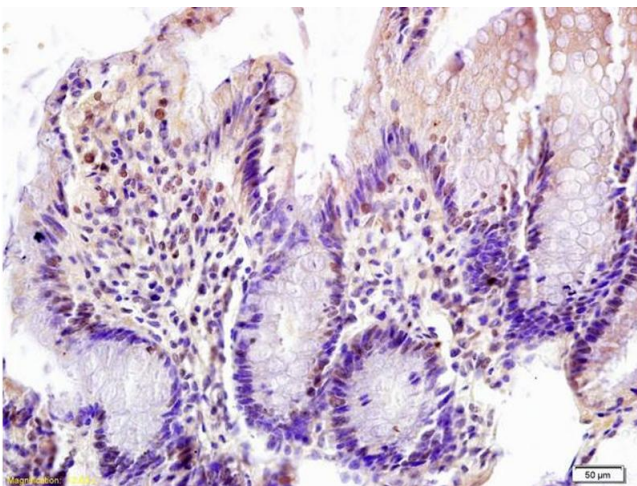
Product cited in: Volpi, Yamazaki, Brauer, van Rooijen, Hayashida, Slavotinek, Sun Kuehn, Di Rocco, Rivolta, Bortolomai, Du, Felgentreff, Ott de Bruin, Hayashida, Freedman, Marcovecchio, Capuder, Rath, Luche, Hagedorn et al.: "EXTL3 mutations cause skeletal dysplasia, immune deficiency, and developmental delay. ..." in: **The Journal of experimental medicine**, Vol. 214, Issue 3, pp. 623-637, (2017) ([PubMed](#)).

Images



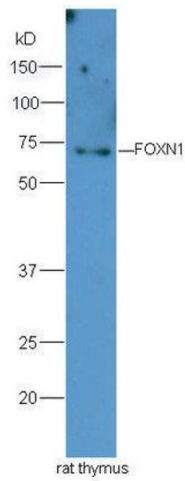
Immunofluorescence

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma labeled with Anti-FOXN1 Polyclonal Antibody, Unconjugated (ABIN1387592) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat colon labeled with Anti-FOXN1 Polyclonal Antibody, Unconjugated (ABIN1387592) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 3. Lane 1:rat thymus lysates probed with Rabbit Anti-FOXN1 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.