

RNF111 Rabbit pAb

Catalog No.: A18277

Basic Information

Observed MW

120kDa

Calculated MW

109kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

The protein encoded by this gene is a nuclear RING-domain containing E3 ubiquitin ligase. This protein interacts with the transforming growth factor (TGF) -beta/NODAL signaling pathway by promoting the ubiquitination and proteosomal degradation of negative regulators, like SMAD proteins, and thereby enhances TGF-beta target-gene transcription. As a modulator of the nodal signaling cascade, this gene plays a critical role in the induction of mesoderm during embryonic development. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

54778

Swiss Prot

Q6ZNA4

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 400-500 of human RNF111 (NP_001257459.1).

Synonyms

ARK; hRNF111; RNF111

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

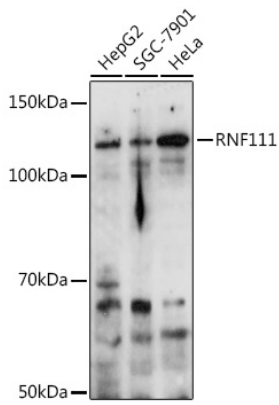
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using RNF111 Rabbit pAb (A18277) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.