

Arkadia Rabbit pAb

CatalogNo: YT0329

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 110kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:40000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human RNF111. AA range: 901-950

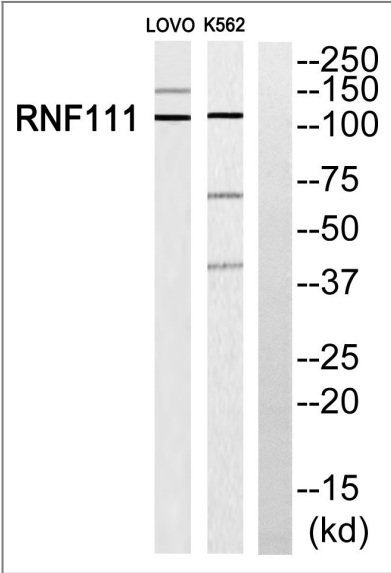
Specificity

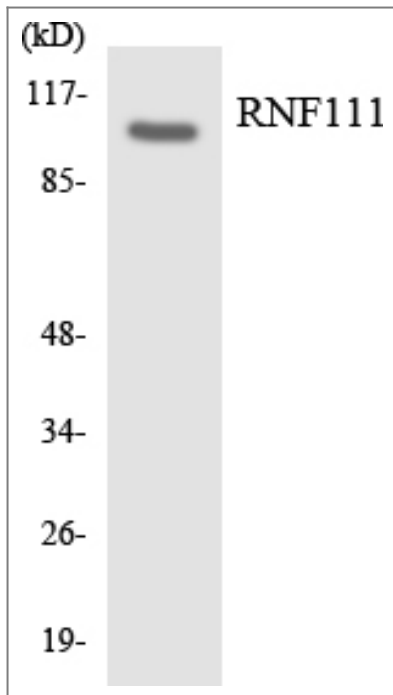
Arkadia Polyclonal Antibody detects endogenous levels of Arkadia protein.

Target Information

Gene name	RNF111		
Protein Name	E3 ubiquitin-protein ligase Arkadia		
	Organism	Gene ID	UniProt ID
	Human	54778 ;	Q6ZNA4 ;
	Mouse	93836 ;	Q99ML9 ;
Cellular Localization	Nucleus . Cytoplasm . Nucleus, PML body . Upon TGF-beta treatment, translocates from nucleus to cytosol. .		
Tissue specificity	Broadly expressed.		
Function	Function:Acts in the NODAL pathway of mesoderm patterning during embryonic development. Acts downstream AXIN1 as an E3 ubiquitin-protein ligase which promotes the ubiquitination of inhibitory SMADs such as SMAD7, induces their proteasomal degradation and thereby enhances the transcriptional activity of TGF-beta and BMP. Activates Smad3/Smad4-dependent transcription by triggering signal-induced SnoN degradation.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 RING-type zinc finger.,subcellular location:Upon TGF-beta treatment, translocates from nucleus to cytosol.,subunit:Interacts with SMAD6, SMAD7, AXIN1, AXIN2 and SKIL isoform SNON. Part of a complex containing RNF111, AXIN1 and SMAD7.,tissue specificity:Broadly expressed.,		

Validation Data





Western blot analysis of the lysates from Jurkat cells using RNF111 antibody.

Contact information

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Please scan the QR code to access additional product information:
Arkadia Rabbit pAb

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