

Nop30 Antibody

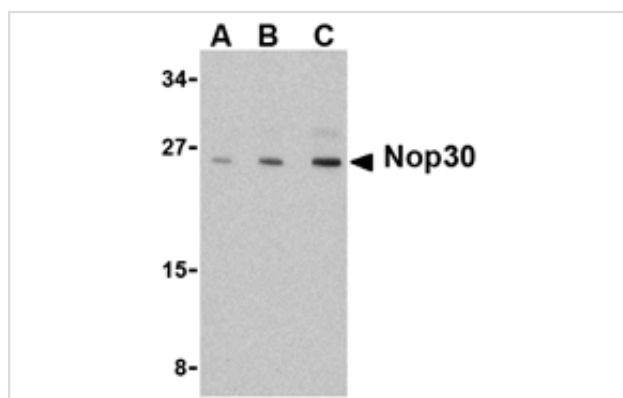
Catalog No: #24090

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Nop30 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the carboxy terminus of human Nop30.
Target Name	Nop30
Other Names	Nucleolar protein 3, Apoptosis repressor with CARD, ARC
Accession No.	Swiss-Prot:O60936 Gene ID:8996
Uniprot	O60936
GeneID	8996;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of Nop30 in mouse muscle tissue lysate with Nop30 antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

Background

Apoptosis, also known as programmed cell death, plays major roles in development and normal tissue turnover in addition to tumor formation. Apoptosis is regulated by death domain (DD) and/or caspase recruitment domain (CARD) containing molecules and the caspase family of proteases. CARD domain containing cell death regulators include RAIDD, Apaf-1, caspase-9, and caspase-2. A novel CARD domain containing protein was recently identified and designated ARC for apoptosis repressor with CARD. An alternate splicing isoform of ARC was identified as Nop30. While ARC interacts with caspase-2 and -8 and suppresses apoptosis induced by cell death adapters FADD and TRADD and by cell death receptors Fas, TNFR-1 and DR3, Nop30 multimerizes and binds to the splicing factor SRp30c and may act to influence alternative splice site selection in vivo. The Nop30 antibody will not detect ARC protein.

Note: This product is for in vitro research use only