Datasheet for ABIN656384

anti-SNRPD3 antibody (N-Term)

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Overview

Quantity:	200 µL
Target:	SNRPD3
Binding Specificity:	AA 9-38, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNRPD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SNRPD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human SNRPD3.
Clone:	RB31276
Isotype:	Ig Fraction
Predicted Reactivity:	D, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SNRPD3
Alternative Name:	SNRPD3 (SNRPD3 Products)

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Target Details

Background:	The protein encoded by this gene belongs to the small nuclear ribonucleoprotein core protein family. It is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis.
Molecular Weight:	13916
Gene ID:	6634
NCBI Accession:	NP_001265585, NP_004166
UniProt:	P62318
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB: 1:4000. WB: 1:2000. IHC-P-Leica: 1:1000. IHC-P-Leica: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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 freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots.
Expiry Date:	6 months

Publications

Product cited in:	Han, Liang, Yi, Tan, He, Wang, Li, Wu, Ma, Shi, Guo, Bai: "Long-Term Selenium-Deficient Diet Induces Liver Damage by Altering Hepatocyte Ultrastructure and MMP1/3 and TIMP1/3 Expression in Growing Rats." in: **Biological trace element research**, (2016) (PubMed). Peng, Xin, Han, Gao, Gao, Lei, Ji, An, Cao: "Expression and regulative function of tissue inhibitor

Publications

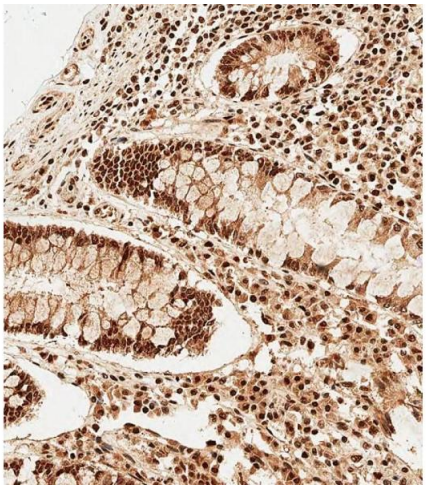
of metalloproteinase 3 in the goat ovary and its role in cultured granulosa cells." in: **Molecular and cellular endocrinology**, Vol. 412, pp. 104-15, (2015) (PubMed).

Peng, Gao, Gao, Lei, Han, Xin, An, Cao: "Expression and regulation of tissue inhibitors of metalloproteinases (TIMP1 and TIMP3) in goat oviduct." in: **Theriogenology**, Vol. 84, Issue 9, pp. 1636-43, (2015) (PubMed).

Lu, Cao, Liu, Li, Chen, Fu, Zhang, Liu, Luo, Wang, Li, Caterson: "The effects of mycotoxins and selenium deficiency on tissue-engineered cartilage." in: **Cells, tissues, organs**, Vol. 196, Issue 3, pp. 241-50, (2012) (PubMed).

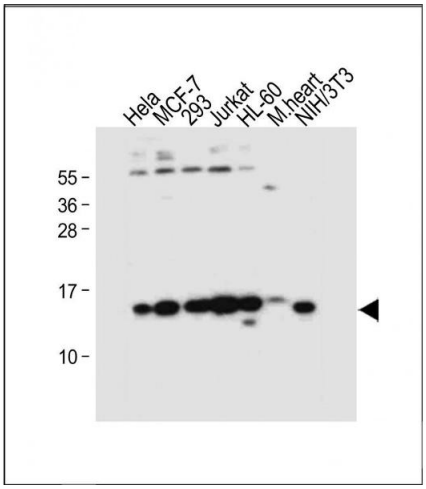
Liu, Cui, Ao, Zhou, Zhou, Yuan, Xiang, Liu, Cao et al.: "Aberrant methylation accounts for cell adhesion-related gene silencing during 3-methylcholanthrene and diethylnitrosamine induced multistep rat lung carcinogenesis associated with overexpression of ..." in: **Toxicology and applied pharmacology**, Vol. 251, Issue 1, pp. 70-8, (2011) (PubMed).

Images



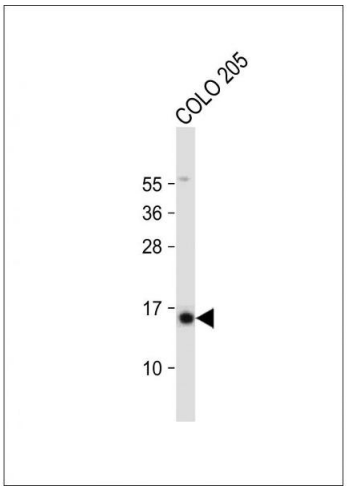
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded Human colon tissue using A performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH 9. 0). Samples were incubated with primary Antibody (1:1000) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-SNRPD3 Antibody (N-term) at 1:4000 dilution Lane 1: Hela whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: 293 whole cell lysate Lane 4: Jurkat whole cell lysate Lane 5: HL-60 whole cell lysate Lane 6: Mouse heart tissue lysate Lane 7: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-SNRPD3 Antibody (N-term) at 1:2000 dilution + COLO 205 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN656384.