

产品名称: Nanos Homologue 1 (NANOS1) Rabbit Polyclonal Antibody
产品货号: APRab14404



产品概述 (Summary)

产品名称 (Production Name)	Nanos Homologue 1 (NANOS1) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NANOS1
别名 (Alternative Names)	Nanos homolog 1 (NOS-1) (EC_Rep1a)
基因 ID (Gene ID)	340719.0
蛋白 ID (SwissProt ID)	Q8WY41.Synthesized peptide derived from Nanos Homologue 1 (NANOS1) at AA range: 151-200

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	30kDa

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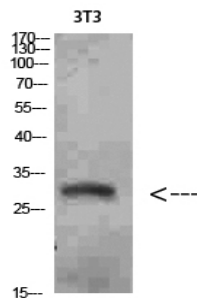
研究背景 (Background)

This gene encodes a CCHC-type zinc finger protein that is a member of the nanos family. This protein co-localizes with the RNA-binding protein pumilio RNA-binding family member 2 and may be involved in regulating translation as a post-transcriptional repressor. Mutations in this gene are associated with spermatogenic impairment. [provided by RefSeq, Sep 2015], domain: The Nanos-type zinc finger is composed of two C2HC motifs, each motif binding one molecule of zinc. It is essential for the translation repression activity of the protein., function: May regulate translation of specific mRNAs by forming a complex with PUM2 that associates with the 3'-UTR of mRNA targets., similarity: Belongs to the nanos family., similarity: Contains 1 nanos-type zinc finger., subunit: Interacts with PUM2., tissue specificity: Predominantly expressed in testis. Specifically expressed during germline development. In adult tissues, it is mainly expressed in spermatogonia, the stem cells of the germline. Also expressed during meiosis in spermatocytes. Not present in late, post-meiotic stage germ cells. Expressed in fetal ovaries, while it is weakly or not expressed in mature postmeiotic oocytes, suggesting that it may be expressed in premeiotic female germ cells.,

研究领域 (Research Area)

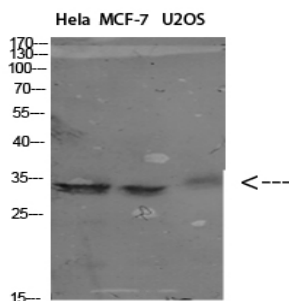
Epigenetics and Nuclear Signaling; DNA / RNA; Translation; Regulation; Stem Cells; Germline Stem Cells; Embryonic Germ Cells; Developmental Biology; Reproduction; Germ cell markers

图片 (Image Data)

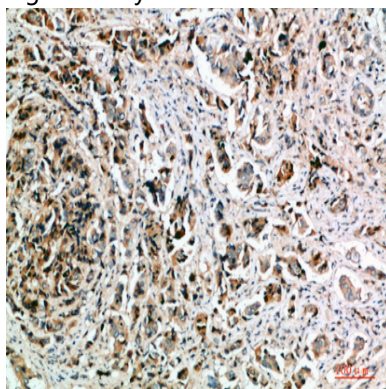


Western Blot analysis of 3T3 cells using Nanos Homologue 1 (NANOS1) Polyclonal Antibody diluted at 1:1500. Secondary antibody was diluted at 1:20000

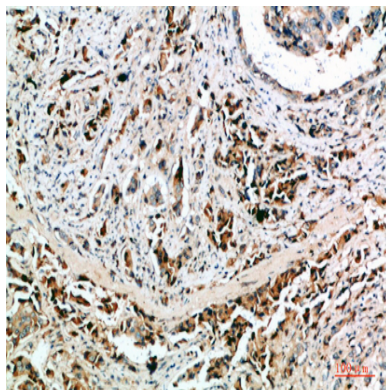
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Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

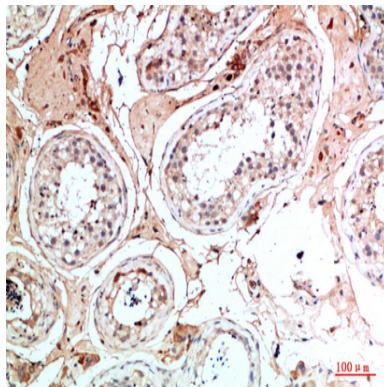


Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200

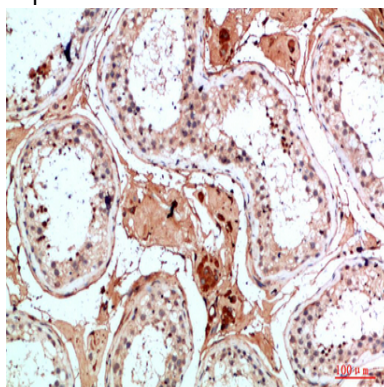


Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200

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Immunohistochemical analysis of paraffin-embedded human-testis, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-testis, antibody was diluted at 1:200

注意事项 (Note)

For research use only .