

Nanos Homologue 1 (NANOS1) Polyclonal Antibody
Catalog # AP73971**Specification**

Nanos Homologue 1 (NANOS1) Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8WY41
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Nanos Homologue 1 (NANOS1) Polyclonal Antibody - Additional Information**Gene ID** 340719**Other Names**

Nanos homolog 1 (NOS-1) (EC_Rep1a)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Nanos Homologue 1 (NANOS1) Polyclonal Antibody - Protein Information**Name** NANOS1**Synonyms** NOS1**Function**

May act as a translational repressor which regulates translation of specific mRNAs by forming a complex with PUM2 that associates with the 3'-UTR of mRNA targets. Capable of interfering with the proadhesive and anti-invasive functions of E-cadherin. Up-regulates the production of MMP14 to promote tumor cell invasion.

Cellular Location

Cytoplasm, perinuclear region. Cytoplasm Note=Colocalizes with SNAPIN and PUM2 in the perinuclear region of germ cells.

Tissue Location

Testis and ovary (at protein level). 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. Expressed at high levels only in the E- cadherin deficient cell lines. Highly expressed in lung carcinomas and mostly detected in invasive tumor cells and its expression correlates with tumor aggressiveness.

Nanos Homologue 1 (NANOS1) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nanos Homologue 1 (NANOS1) Polyclonal Antibody - Images

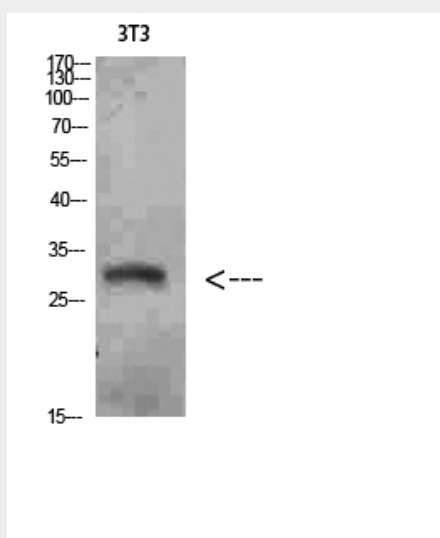
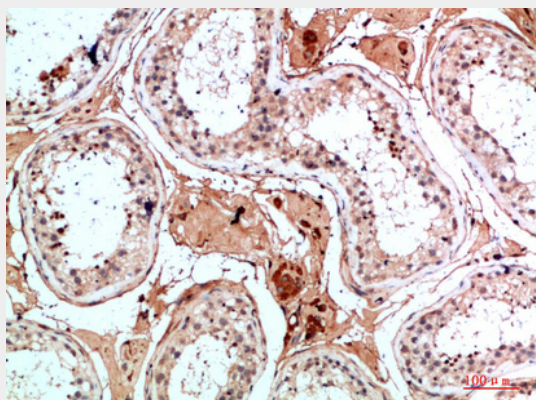
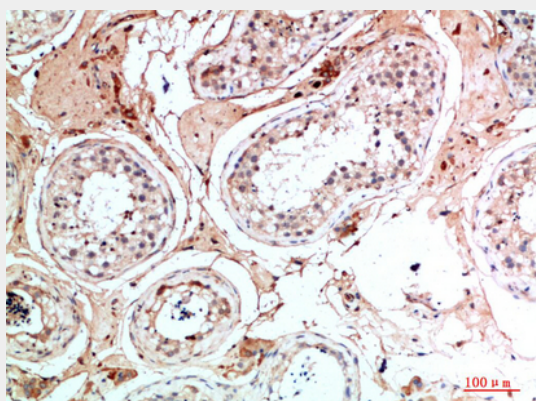
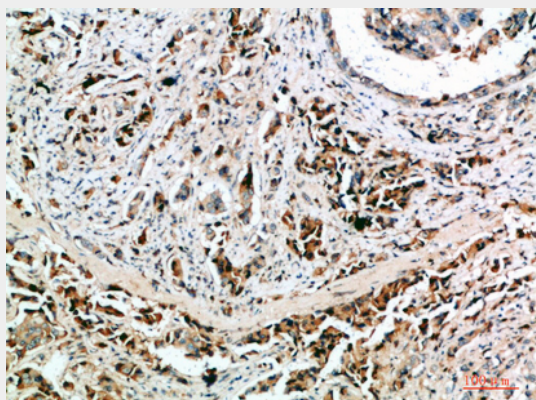
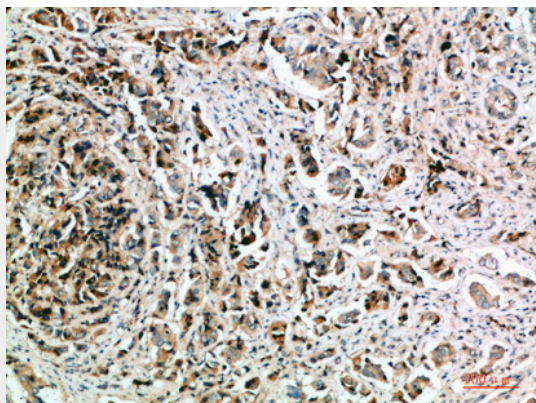


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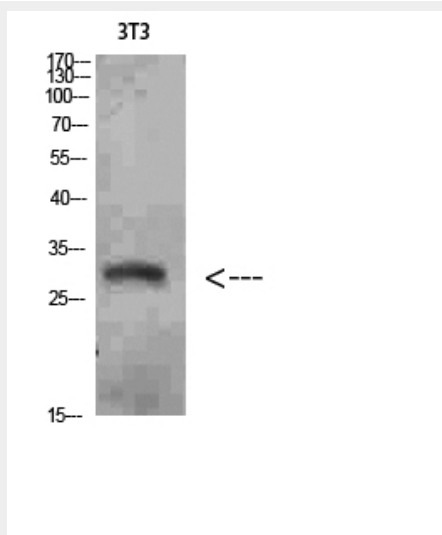
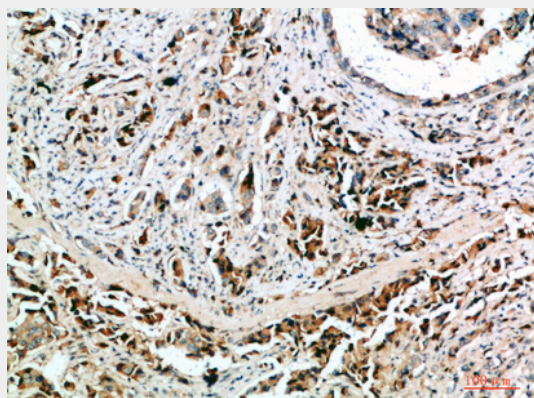
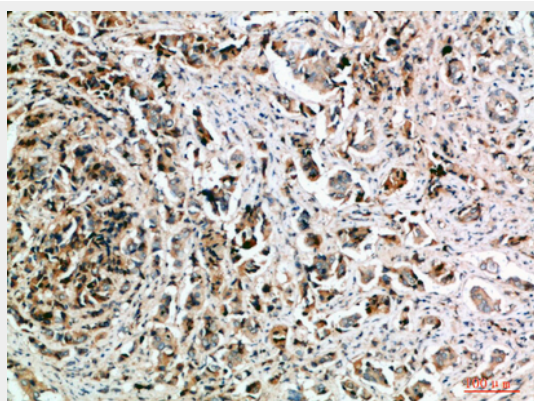
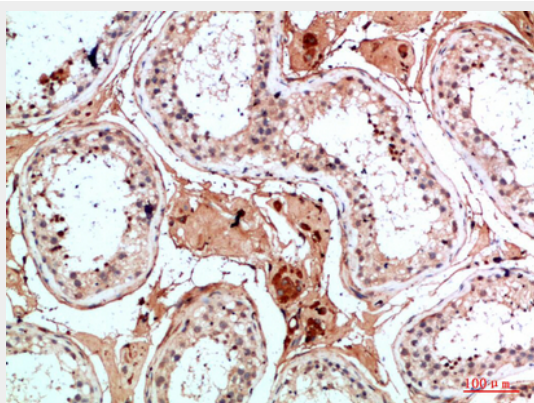
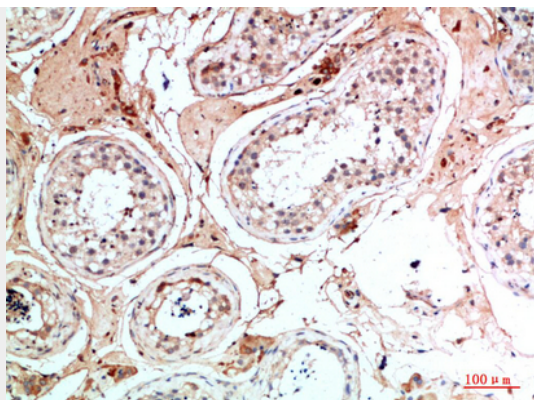


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Nanos Homologue 1 (NANOS1) Polyclonal Antibody - Background

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