

Datasheet for ABIN389197
anti-NANOS2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	NANOS2
Binding Specificity:	AA 108-137, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NANOS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NANOS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-137 amino acids from the C-terminal region of human NANOS2.
Clone:	RB13985-13986
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NANOS2
Alternative Name:	NANOS2 (NANOS2 Products)

Target Details

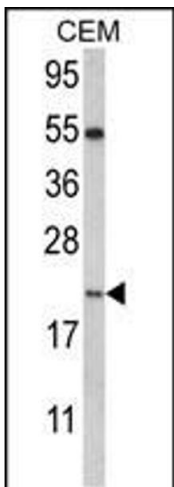
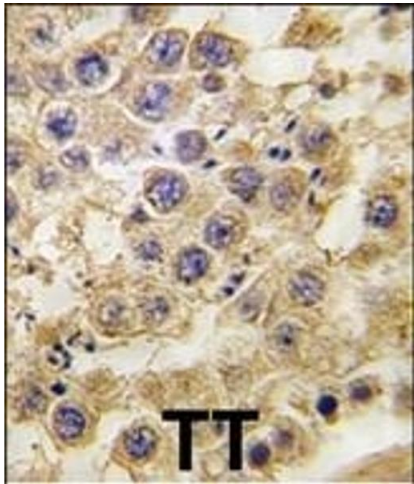
Background:	NANOS2 is required to support proliferation and self-renewal of proximal germ cells in males only. It probably regulates translation of specific mRNAs by associating with the 3'-UTR of mRNA targets. It is essential for spermatogonia formation.
Molecular Weight:	15132
Gene ID:	339345
NCBI Accession:	NP_001025032
UniProt:	P60321
Pathways:	Retinoic Acid Receptor Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Stem Cell Maintenance

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
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.
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 to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with NANOS2 antibody (C-term) (ABIN389197 and ABIN2839360) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of NANOS2 Antibody (C-term) (ABIN389197 and ABIN2839360) in CEM cell line lysates (35 µg/lane). NANOS2 (arrow) was detected using the purified Pab.