Datasheet for ABIN7161036

anti-NANOS2 antibody (AA 1-138) (Biotin)

Overview

Quantity:	100 µg
Target:	NANOS2
Binding Specificity:	AA 1-138
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NANOS2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Nanos homolog 2 protein (1-138AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NANOS2
Alternative Name:	NANOS2 (NANOS2 Products)
Background:	Background: Plays a key role in the sexual differentiation of germ cells by promoting the male fate but suppressing the female fate. Represses the female fate pathways by suppressing

Target Details

meiosis, which in turn results in the promotion of the male fate. Maintains the suppression of meiosis by preventing STRA8 expression, which is required for premeiotic DNA replication, after CYP26B1 is decreased. Regulates the localization of the CCR4-NOT deadenylation complex to P-bodies and plays a role in recruiting the complex to trigger the degradation of mRNAs involved in meiosis. Required for the maintenance of the spermatogonial stem cell population. Not essential for the assembly of P-bodies but is required for the maintenance of their normal state.

Aliases: NANO2_HUMAN antibody, Nanos homolog 2 antibody, Nanos homolog 2 Drosophila antibody, NANOS2 antibody, NOS-2 antibody, NOS2 antibody

UniProt:	P60321
Pathways:	Retinoic Acid Receptor Signaling Pathway, Cellular Response to Molecule of Bacterial Origin, Stem Cell Maintenance

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.