

Anti-NANOS1 antibody

Cat. No.	ml162847
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-NANOS1 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human NANOS1
Reactivity	Human, Mouse
Content	0.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	NANOS1
Full name	nanos homolog 1 (Drosophila)
Synonyms	NOS1; SPGF12
Swissprot	Q8WY41

Target Background

Nanos1, also known as NOS1, is a 292 amino acid protein that localizes to the perinuclear region of the cytoplasm and contains one nanos-type zinc finger. Expressed at high levels in spermatogonia and present at lower levels in fetal ovaries, Nanos1 forms a complex with Pumilio 2 and functions to regulate the translation of select mRNAs, specifically via association with the 3'-UTR of its mRNA targets. Additionally, Nanos1 is required for the establishment and maintenance of germline stem cells, as it prevents their premature entry into oogenesis.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 30 kDa

Positive control: Mouse muscle tissue

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

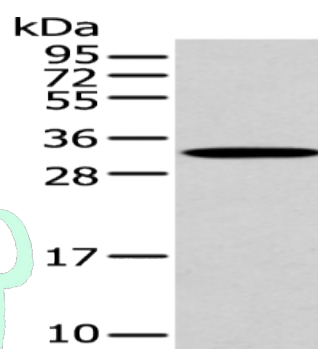
Lysate: 40 µg

Lane: Mouse muscle tissue

Primary antibody: ml162847(NANOS1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 5000-10000

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