Datasheet for ABIN7304692

anti-Nanos Homolog 1 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	Nanos Homolog 1 (NANOS1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nanos Homolog 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Nanos 1.
Specificity:	Recognizes endogenous levels of Nanos 1 protein.
Characteristics:	Rabbit polyclonal antibody to Nanos 1
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	Nanos Homolog 1 (NANOS1)
Alternative Name:	Nanos 1 (NANOS1 Products)
Background:	NOS1, Nanos homolog 1, NOS-1, EC_Rep1a
Gene ID:	340719, 332397

Target Details

UniProt:	Q8WY41, Q80WY3
Pathways:	Negative Regulation of Hormone Secretion, Myometrial Relaxation and Contraction

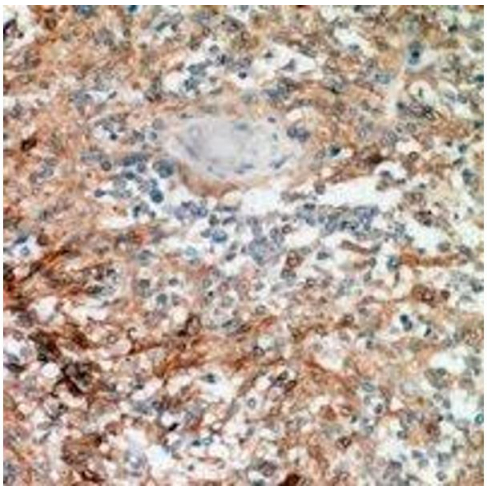
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

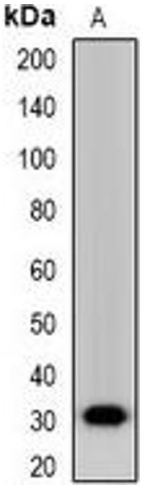
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of Nanos 1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated



Western Blotting

Image 2. Western blot analysis of Nanos 1 expression in NIH3T3 (A) whole cell lysates.