

Datasheet for ABIN7161678

anti-NOG antibody (AA 28-232) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NOG
Binding Specificity:	AA 28-232
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOG antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Noggin protein (28-232AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NOG
Alternative Name:	NOG (NOG Products)
Background:	Background: Inhibitor of bone morphogenetic proteins (BMP) signaling which is required for growth and patterning of the neural tube and somite. Essential for cartilage morphogenesis and

Target Details

joint formation. Inhibits chondrocyte differentiation through its interaction with GDF5 and, probably, GDF6 (PubMed:21976273, PubMed:26643732).

Aliases: Nog antibody, NOGG_HUMAN antibody, Noggin antibody, SYM 1 antibody, SYM1 antibody, Symphalangism 1 (proximal) antibody, Synostoses (multiple) syndrome 1 antibody, SYNS 1 antibody, SYNS1 antibody

UniProt: [Q13253](#)

Pathways: [Stem Cell Maintenance](#), [Tube Formation](#)

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.