

## ARG45511 anti-NXN / NRX antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NXN / NRX
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Specificity	NXN / NRX
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NXN / NRX
Species	Human
Immunogen	Recombinant protein containing to human NXN / NRX.
Conjugation	Un-conjugated
Alternate Names	NXN; Nucleoredoxin; NRX; EC 1.8.1.8 47; FLJ12614; Nucleoredoxin 1; TRG-4; RRS2

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	48 kDa	

### Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

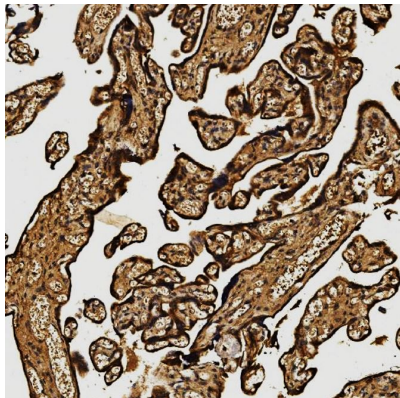
Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

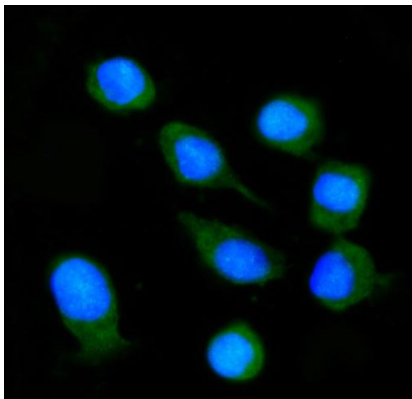
Gene Symbol	NXN
Gene Full Name	Nucleoredoxin
Background	This gene encodes a member of the thioredoxin superfamily, a group of small, multifunctional redox-active proteins. Members of this family are characterized by a conserved active motif called the thioredoxin fold that catalyzes disulfide bond formation and isomerization. The encoded protein acts a redox-dependent regulator of the Wnt signaling pathway and is involved in cell growth and differentiation. [provided by RefSeq, Sep 2015]
Function	Functions as a redox-dependent negative regulator of the Wnt signaling pathway, possibly by preventing ubiquitination of DVL3 by the BCR(KLHL12) complex. May also function as a transcriptional regulator act as a regulator of protein phosphatase 2A (PP2A). [UniProt]
Calculated Mw	48 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

## Images



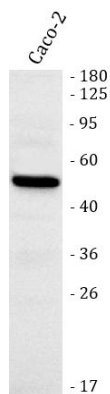
ARG45511 anti-NXN / NRX antibody IHC-P image

Immunohistochemistry: Human placenta stained with ARG45511 anti-NXN / NRX antibody at 2 µg/ml dilution.



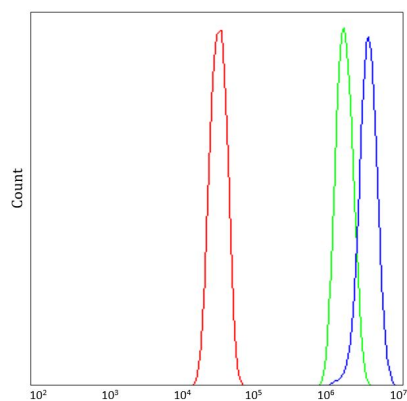
ARG45511 anti-NXN / NRX antibody ICC/IF image

Immunofluorescence: Caco-2 stained with ARG45511 anti-NXN / NRX antibody at 5 µg/ml dilution.



ARG45511 anti-NXN / NRX antibody WB image

Western blot: Caco-2 stained with ARG45511 anti-NXN / NRX antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



ARG45511 anti-NXN / NRX antibody FACS image

Flow Cytometry: SiHa stained with ARG45511 anti-NXN / NRX antibody at 1  $\mu\text{g}/10^6$  cells dilution.