

Rabbit NOVA2 Polyclonal Antibody | anti-NOVA2 antibody

Anti-NOVA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125496	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NOVA2; Polyclonal Antibody; Anti-NOVA2 Antibody; RNA-binding protein Nova-2; Astrocytic NOVA1-like RNA-binding protein; Neuro-oncological ventral antigen 2; ANOVA; NOVA3; anti-NOVA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	492
Applicable Applications for anti-NOVA2 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human NOVA2 recombinant protein (Position: M1-Q205).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-NOVA2 antibody	Description: Rabbit IgG polyclonal antibody for NOVA2 detection. Tested with WB, IHC-P, FCM, Direct ELISA in Human; Mouse; Rat. Background: NOVA alternative splicing regulator 2 is a protein that in humans is encoded by the NOVA2 gene. It is mapped to 19q13.32. NOVA2 may regulate RNA splicing or metabolism in a specific subset of developing neurons. It binds single strand RNA.
References	- Heinzen, E. L., Yoon, W., Tate, S. K., Sen, A., Wood, N. W., Sisodiya, S. M., Goldstein, D. B. Nova2 interacts with a Cis-acting polymorphism to influence the proportions of drug-responsive splice variants of SCN1A. Am. J. Hum. Genet. 80: 876-883, 2007. - Lewis, H. A., Musunuru, K., Jensen, K. B., Edo, C., Chen, H., Darnell, R. B., Burley, S. K. Sequence-specific RNA binding by a Nova KH domain: implications for paraneoplastic disease and the fragile X syndrome. Cell 100: 323-332, 2000. - Saito, Y., Yuan, Y., Zucker-Scharff, I., Fak, J. J., Jereb, S., Tajima, Y., Licatalosi, D. D., Darnell, R. B. Differential NOVA2-mediated splicing in excitatory and inhibitory neurons regulates cortical development and cerebellar function. Neuron 101: 707-720, 2019.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902724
NCBI GeneID	4858
NCBI Accession #	NP_002507.1
NCBI GenBank Nucleotide #	NP_002507.1
UniProt Accession #	Q9UNW9
NCBI Official Full Name	RNA-binding protein Nova-2
NCBI Official Synonym Full Names	NOVA alternative splicing regulator 2
NCBI Official Symbol	NOVA2
NCBI Official Synonym Symbols	ANOVA; NOVA3; NEDASB; NOVA-2
NCBI Protein Information	RNA-binding protein Nova-2
UniProt Protein Name	RNA-binding protein Nova-2
UniProt Gene Name	NOVA2
UniProt Synonym Gene Names	ANOVA; NOVA3
UniProt Entry Name	NOVA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nova2-antibody-direct-elisa-flow-cytometry-immunohistochemistry-western-blot-elisa/125496>