

Rabbit NUTF2 Polyclonal Antibody | anti-NUTF2 antibody

NUTF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324920	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

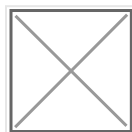
PRODUCT SYNONYMS

NUTF2; Polyclonal Antibody; NUTF2 Antibody; NTF 2; NTF-2; NTF2; NTF2_HUMAN; Nuclear transport factor 2; Nutf2; Placental protein 15; PP15; anti-NUTF2 antibody

PRODUCT SPECIFICATIONS

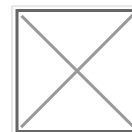
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NUTF2 antibody detects endogenous levels of total NUTF2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	127
Applicable Applications for anti-NUTF2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA324920 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using NUTF2 antibody.



IF (Immunofluorescence)

AAA324920 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NUTF2 antibody	Function: Mediates the import of GDP-bound RAN from the cytoplasm into the nucleus which is essential for the function of RAN in cargo receptor-mediated nucleocytoplasmic transport. Thereby, plays indirectly a more general role in cargo receptor-mediated nucleocytoplasmic transport. Interacts with GDP-bound RAN in the cytosol, recruits it to the nuclear pore complex via its interaction with nucleoporins and promotes its nuclear import. Subunit Structure: Homodimer (PubMed:7744965). Interacts with RAN (GDP-bound form); the interaction is direct and regulates RAN nuclear import (PubMed:10679025). Interacts with the nucleoporins NUP54, NUP58 and NUP62 (via FG repeats); recruits NUTF2 to the nuclear pore complex a step required for NUTF2-mediated GDP-bound RAN nuclear import (PubMed:7744965). Interacts with CAPG; mediates its nuclear import (PubMed:18266911).
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1015158156
NCBI GeneID	10204
NCBI Accession #	NP_001308967.1
NCBI GenBank Nucleotide #	NM_001322038.1
UniProt Accession #	P61970; P13662; Q6IB67; B2R4G7
Molecular Weight	Observed: 14 kD Predicted: 15 kDa
NCBI Official Full Name	nuclear transport factor 2
NCBI Official Synonym Full Names	nuclear transport factor 2
NCBI Official Symbol	NUTF2
NCBI Official Synonym Symbols	NTF2; PP15; NTF-2
NCBI Protein Information	nuclear transport factor 2
UniProt Protein Name	Nuclear transport factor 2
UniProt Gene Name	NUTF2
UniProt Synonym Gene Names	NTF-2; PP151 PublicationManual assertion based on opinion iniRef.1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nutf2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324920>