Immunotag™ NTF2 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3201
Product Description	Immunotag™ NTF2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NTF2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from NTF2, at AA range: 40-120
Specificity	NTF2 Polyclonal Antibody detects endogenous levels of NTF2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NUTF2
Accession No.	P61970 P61971 P61972
Alternate Names	NUTF2; NTF2; Nuclear transport factor 2; NTF-2; Placental protein 15; PP15
Description	nuclear transport factor 2(NUTF2) Homo sapiens This gene encodes a cytosolic factor that facilitates protein transport into the nucleus. The encoded protein is required for nuclear import of the small Ras-like GTPase, Ran which is involved in numerous cellular processes. This protein also interacts with the nuclear pore complex glycoprotein p62. [provided by RefSeq, Apr 2016],

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Protein Expression	Lung,
Subcellular Localization	intracellular,nuclear inner membrane,nuclear outer membrane,nucleoplasm,cytosol,nuclear membrane,nuclear pore central transport channel,extracellular exosome,
Protein Function	function:Facilitates protein transport into the nucleus. Interacts with the nucleoporin p62 and with Ran. Acts at a relatively late stage of nuclear protein import, subsequent to the initial docking of nuclear import ligand at the nuclear envelope. Could be part of a multicomponent system of cytosolic factors that assemble at the pore complex during nuclear import.,similarity:Contains 1 NTF2 domain.,subunit:Homodimer.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.