

Immunotag™ NSF Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3195
Product Description	Immunotag™ NSF 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	NSF
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from NSF, at AA range: 110-190
Specificity	NSF Polyclonal Antibody detects endogenous levels of NSF 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	NSF
Accession No.	P46459 P46460 Q9QUL6
Alternate Names	NSF; Vesicle-fusing ATPase; N-ethylmaleimide-sensitive fusion protein; NEM-sensitive fusion protein; Vesicular-fusion protein NSF

Antibody Specification

Description	catalytic activity:ATP + H(2)O = ADP + phosphate.,cofactor:Binds 1 magnesium ion per subunit.,function:Required for vesicle-mediated transport. Catalyzes the fusion of transport vesicles within the Golgi cisternae. Is also required for transport from the endoplasmic reticulum to the Golgi stack. Seem to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack independent of vesicle origin.,similarity:Belongs to the AAA ATPase family.,subunit:Homohexamer. Interacts with GABARAP and GABARAPL2.,
Protein Expression	Brain,Kidney,Lung,
Subcellular Localization	Golgi membrane,cytoplasm,lysosomal membrane,Golgi stack,cytosol,plasma membrane,postsynaptic density,dendritic shaft,myelin sheath,extracellular exosome,
Protein Function	catalytic activity:ATP + H(2)O = ADP + phosphate.,cofactor:Binds 1 magnesium ion per subunit.,function:Required for vesicle-mediated transport. Catalyzes the fusion of transport vesicles within the Golgi cisternae. Is also required for transport from the endoplasmic reticulum to the Golgi stack. Seem to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack independent of vesicle origin.,similarity:Belongs to the AAA ATPase family.,subunit:Homohexamer. Interacts with GABARAP and GABARAPL2.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.