

Datasheet for ABIN5700666 **anti-NFS1 antibody**



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Overview

Quantity:	100 µg
Target:	NFS1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	NFS1 nitrogen fixation 1 homolog (S. cerevisiae)
Isotype:	IgG

Target Details

Target:	NFS1
Alternative Name:	NFS1 (NFS1 Products)
Background:	Synonyms:NIFS Background:Iron-sulfur clusters are required for the function of many cellular enzymes. The proteins encoded by this gene supply inorganic sulfur to these clusters by removing the sulfur from cysteine, creating alanine in the process. This gene uses alternate in-frame translation initiation sites to generate mitochondrial forms and cytoplasmic/nuclear forms. Selection of the alternative initiation sites is determined by the cytosolic pH . The

Target Details

	encoded proteins belong to the class-V family of pyridoxal phosphate-dependent aminotransferases. Alternatively spliced transcript variants have been described.
Molecular Weight:	50 kDa
Gene ID:	9054
UniProt:	Q9Y697
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	A549 cells were subjected to SDS PAGE followed by western blot with FNab05713(NFS1 antibody) at dilution of 1:500
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months