

NMD3 Rabbit pAb

Catalog # AP97985

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96D46
Other Accession	Q96D46
Reactivity	Mouse
Predicted	Pig, Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57603
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NMD3
Epitope Specificity	301-400/503
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the NMD3 family.
SUBUNIT	Shuttles between the nucleus/nucleolus and the cytoplasm in a XPO1/CRM1-dependent manner.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Ribosomes are composed of 60S and 40S subunits that are assembled in the nucleolus and exported to the cytoplasm through nuclear pore complexes in the nuclear envelope. NMD3 is an adaptor for 60S subunit export via the CRM1 (XPO1; MIM 602559) pathway (Trotta et al., 2003 [PubMed 12773398]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	51068
Other Names	CGI-07; RGD1308468; NMD3_HUMAN; NMD3; hNMD3; NMD3_MOUSE; NMD3 ribosome export adaptor; NMD3 homolog (S. cerevisiae)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NMD3
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Function	Acts as an adapter for the XPO1/CRM1-mediated export of the 60S ribosomal subunit.
Cellular Location	Cytoplasm. Nucleus. Note=Shuttles between the nucleus/nucleolus and the cytoplasm in a XPO1/CRM1-dependent manner

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.