

NY-CO-1 Polyclonal Antibody
Catalog # AP71398

Specification

NY-CO-1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O60524
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

NY-CO-1 Polyclonal Antibody - Additional Information

Gene ID 9147

Other Names

NEMF; SDCCAG1; Nuclear export mediator factor NEMF; Antigen NY-CO-1; Serologically defined colon cancer antigen 1

Dilution

WB~~Western Blot: 1/500 - 1/2000.
Immunohistochemistry: 1/100 - 1/300.
ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

-20°C

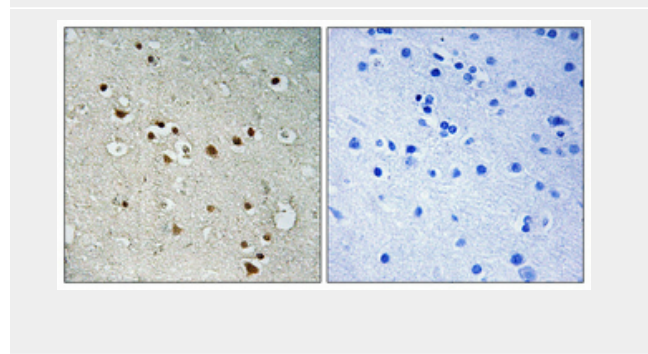
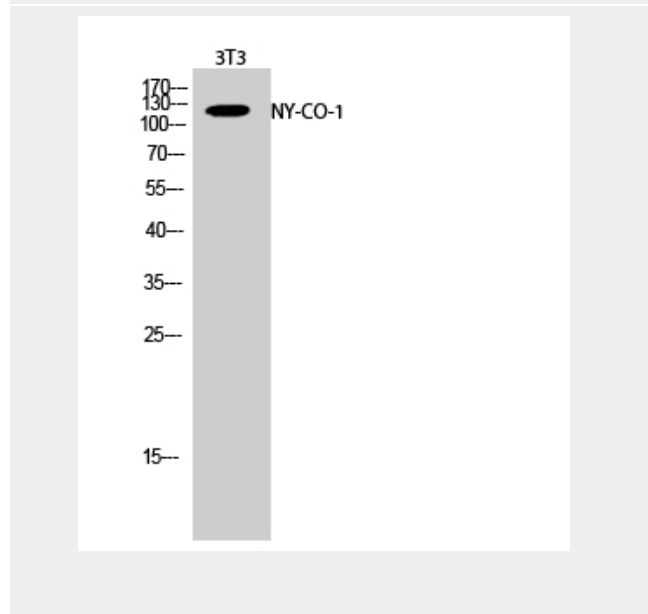
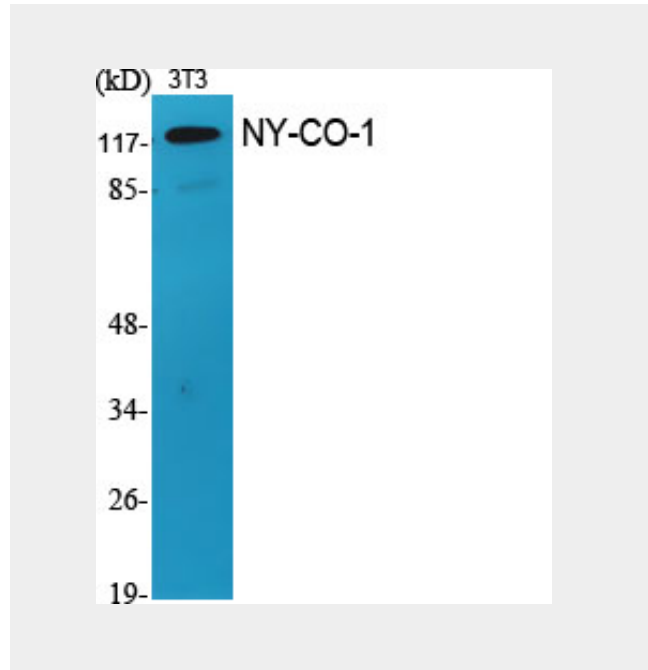
NY-CO-1 Polyclonal Antibody - Protein Information

Name NEMF

Synonyms SDCCAG1

Function

Component of the ribosome quality control complex (RQC), a ribosome-associated complex that mediates ubiquitination and extraction of incompletely synthesized nascent chains for proteasomal degradation. NEMF is responsible for



selective recognition of stalled 60S subunits by recognizing an exposed, nascent chain-conjugated tRNA moiety. NEMF is important for the stable association of LTN1 to the complex (PubMed:25578875). May indirectly play a role in nuclear export (PubMed:16103875).

Cellular Location

Nucleus.

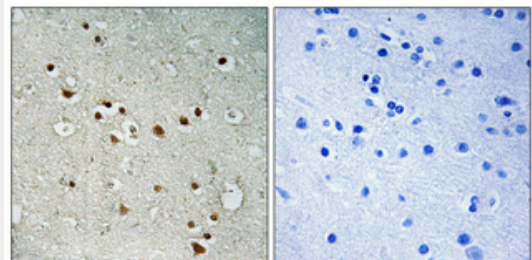
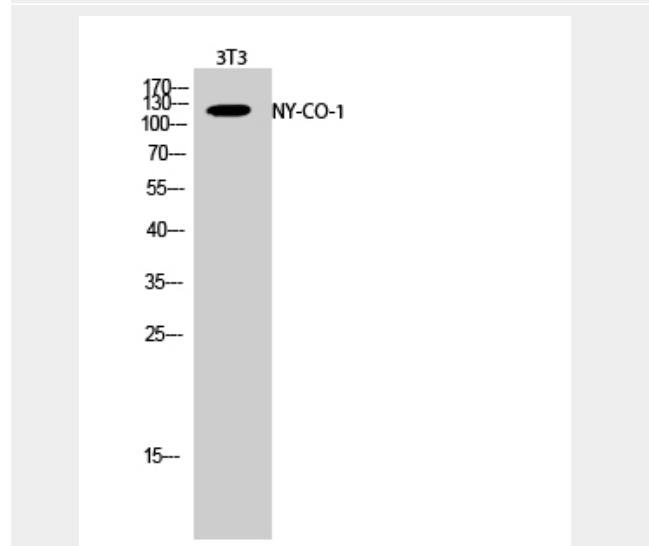
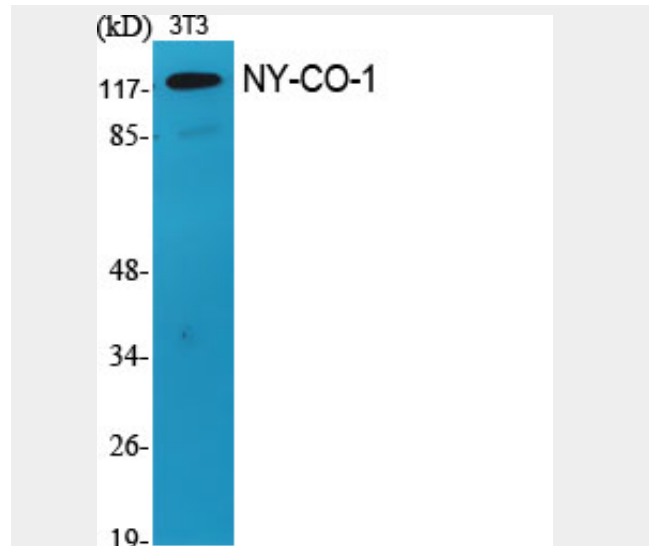
Tissue Location

Expressed in brain, heart, liver, lung, spleen, and skeletal muscle. Also expressed at lower levels in stomach and testis

NY-CO-1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



NY-CO-1 Polyclonal Antibody - Background

Component of the ribosome quality control complex (RQC), a ribosome-associated complex that mediates ubiquitination and extraction of incompletely synthesized nascent

chains for proteasomal degradation. NEMF is responsible for selective recognition of stalled 60S subunits by recognizing an exposed, nascent chain-conjugated tRNA moiety. NEMF is important for the stable association of LTN1 to the complex (PubMed:25578875). May indirectly play a role in nuclear export (PubMed:16103875).