

CRM1 Polyclonal antibody

Catalog Number: 12915-1-AP

1 Publications

Basic Information

Catalog Number:

12915-1-AP

Size:

190 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3488

GenBank Accession Number:

BC032847

GeneID (NCBI):

7514

UNIPROT ID:

O14980

Full Name:

exportin 1 (CRM1 homolog, yeast)

Calculated MW:

1071 aa, 123 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Background Information

CRM1 (chromosome region maintenance 1, also known as exportin-1 or XPO1), a member of the karyopherin β family of transport receptors, is an important nuclear export receptor recognizing proteins bearing a leucine-rich nuclear export signal (PMID: 9323133). CRM1 is the major receptor for the export of proteins out of the nucleus and is also required for transport of many RNAs (PMID: 17317185). In addition to nuclear export, CRM1 also plays a role in centrosome duplication and spindle assembly (PMID: 22773955). Elevated CRM1 expression has been reported in several cancers, which implicates CRM1 as a potential anti-cancer drug target (PMID: 22677130; 21683812).

Notable Publications

Author	Pubmed ID	Journal	Application
Chuanyang Su	27393035	Toxicology	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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