

For Research Use Only

CRM1 Polyclonal antibody

Catalog Number: 12915-1-AP **1 Publications**



Basic Information

Catalog Number: 12915-1-AP	GenBank Accession Number: BC032847	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 187 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7514	
Source: Rabbit	Full Name: exportin 1 (CRM1 homolog, yeast)	
Isotype: IgG	Calculated MW: 1071 aa, 123 kDa	
Immunogen Catalog Number: AG3488	Observed MW: 100-110 kDa	

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

*** 20ul sizes contain 0.1% BSA

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