

Rabbit XPO1 Polyclonal Antibody | anti-XPO1 antibody

XPO1 antibody - C-terminal region

CATALOG # AAA198667	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

XPO1; Polyclonal Antibody; XPO1 antibody - C-terminal region; anti-XPO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: NK LGGHITAEIP QIFDAVFECT LNMINKDFEE YPEHRTNFFL LLQAVNSH
Sequence Length	1071
Applicable Applications for anti-XPO1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Yeast: 85%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human XPO1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



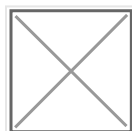
WB (Western Blot)

WB Suggested Anti-XPO1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart



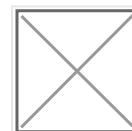
WB (Western Blot)

Host: Rabbit Target Name: XPO1 Sample Type: HepG2 Antibody Dilution: 1.0ug/ml XPO1 is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Host: Rabbit Target Name: XPO1 Sample Type: HeLa Antibody Dilution: 1.0ug/ml XPO1 is supported by BioGPS gene expression data to be expressed in HeLa



IHC (Immunohistochemistry)

Rabbit Anti-XPO1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Cytoplasmic in pinealocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-XPO1 antibody	This is a rabbit polyclonal antibody against XPO1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: XPO1 mediates leucine-rich nuclear export signal (NES)-dependent protein transport. Exportin 1 specifically inhibits the nuclear export of Rev and U snRNAs. It is involved in the control of several cellular processes by controlling the localization of cyclin B, MPAK, and MAPKAP kinase 2. XPO1 also regulates NFAT and AP-1. The protein encoded by this gene mediates leucine-rich nuclear export signal (NES)-dependent protein transport. Exportin 1 specifically inhibits the nuclear export of Rev and U snRNAs. It is involved in the control of several cellular processes by controlling the localization of cyclin B, MPAK, and MAPKAP kinase 2. This protein also regulates NFAT and AP-1. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-XPO1 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Signal Transduction; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507943
NCBI GeneID	7514
NCBI Accession #	NP_003391
NCBI GenBank Nucleotide #	NM_003400
UniProt Accession #	O14980
Molecular Weight	123kDa
NCBI Official Full Name	exportin-1
NCBI Official Synonym Full Names	exportin 1
NCBI Official Symbol	XPO1
NCBI Official Synonym Symbols	emb; CRM1; exp1
NCBI Protein Information	exportin-1
UniProt Protein Name	Exportin-1
UniProt Gene Name	XPO1
UniProt Synonym Gene Names	CRM1; Exp1
UniProt Entry Name	XPO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.