



Rabbit Anti-Human XPo1 Polyclonal Antibody (CABT-L2193)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Polyclonal Antibody to Exportin 1 (Knockout Validated) |
| Specificity | The antibody is a rabbit polyclonal antibody raised against XPO1. It has been selected for its ability to recognize XPO1 in immunohistochemical staining and western blotting. |
| Target | XPO1 |
| Immunogen | Recombinant fragment corresponding to human XPO1 (Thr917~Asp1071) |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Pig |
| Purification | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 200 µg |
| Buffer | Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4. |
| Preservative | 0.05% Proclin-300 |

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| Storage | Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. |
| Ship | 4°C with ice bags |

BACKGROUND

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| Introduction | This cell-cycle-regulated gene encodes a protein that mediates leucine-rich nuclear export signal (NES)-dependent protein transport. The protein 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. [provided by RefSeq, Jan 2015] |
| Keywords | Exp1;CRM1 Homolog,Yeast;Chromosome region maintenance 1 protein homolog |

GENE INFORMATION

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| Gene Name | XPO1 exportin 1 [Homo sapiens (human)] |
| Official Symbol | XPO1 |
| Synonyms | XPO1; exportin 1; emb; CRM1; exp1; exportin-1; exportin 1 (CRM1 homolog, yeast); chromosome region maintenance 1 homolog; chromosome region maintenance 1 protein homolog; exportin-1 (required for chromosome region maintenance); |
| Entrez Gene ID | 7514 |
| Protein Refseq | NP_003391 |
| UniProt ID | B3KWD0 |
| Chromosome Location | 2p15 |
| Pathway | Canonical NF-kappaB pathway; Cell Cycle; Cell Cycle, Mitotic; Cyclin A/B1 associated events during G2/M transition; Disease; Downregulation of TGF-beta receptor signaling; Epstein-Barr virus infection; Export of Viral Ribonucleoproteins from Nucleus; |
| Function | RNA binding; Ran GTPase binding; nucleocytoplasmic transporter activity; protein binding; protein domain specific binding; protein transporter activity; transporter activity; |