

Datasheet for ABIN2783074
anti-XPO5 antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	XPO5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XPO5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human XPO5
Sequence:	LTQNMERIFS FLLNTLQENV NKYQQVKTD T SQESKAQANC RVGVAALNTL
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 85%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against XPO5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	XPO5
Alternative Name:	XPO5 (XPO5 Products)

Target Details

Background:	<p>Exportin-5 belongs to a large family of karyopherins that mediate the transport of proteins and other cargo between the nuclear and cytoplasmic compartments. Exportin-5 belongs to a large family of karyopherins (see MIM 602738) that mediate the transport of proteins and other cargo between the nuclear and cytoplasmic compartments. [supplied by OMIM]. 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.</p> <p>Alias Symbols: FLJ14239, FLJ32057, FLJ45606, KIAA1291, exp5</p> <p>Protein Interaction Partner: UBC, CHORDC1, ITGB1BP2, MAT2B, SNX5, ARIH1, WDR4, PDIA6, EFTUD2, UGDH, TTC1, SHMT1, SARS, PPP3CA, SERPINE2, PFDN5, NRD1, PPP1R12A, HARS, GTF2E1, BAG1, NSUN2, AARSD1, P3H1, ELAC2, DUS3L, EGFR, SOX2, CLN3, RAN, MMS19, vpu, VCAM1, SMAD4, ITGA4, FN1, Dlg4, CA</p> <p>Protein Size: 1204</p>
Molecular Weight:	136 kDa
Gene ID:	57510
NCBI Accession:	NM_020750 , NP_065801
UniProt:	Q9HAV4
Pathways:	Regulatory RNA Pathways , Protein targeting to Nucleus

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1204 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

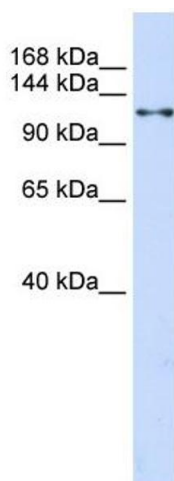
Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Craxton: "Evolutionary genomics of plant genes encoding N-terminal-TM-C2 domain proteins and the similar FAM62 genes and synaptotagmin genes of metazoans." in: BMC genomics , Vol. 8, pp. 259, (2007) (PubMed).
-------------------	---

Images



Western Blotting

Image 1. WB Suggested Anti-XPO5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate