

Rabbit XPOT Polyclonal Antibody | anti-XPOT antibody

XPOT Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286236	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

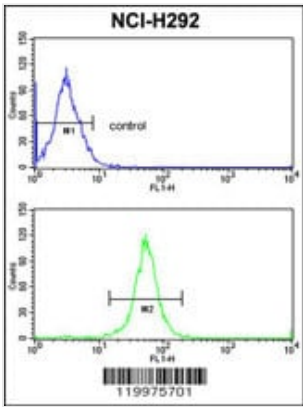
PRODUCT SYNONYMS

XPOT; Polyclonal Antibody; XPOT Antibody (C-term); Exportin-T; Exportin(tRNA); tRNA exportin; anti-XPOT antibody

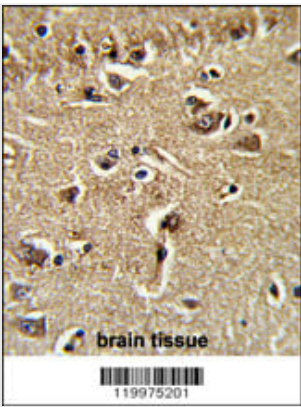
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This XPOT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 935-962 amino acids from the C-terminal region of human XPOT.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	935-962
Sequence Length	962
Applicable Applications for anti-XPOT antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

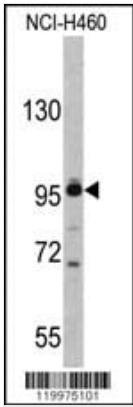
IMAGES



FCM/FACS (Flow Cytometry)
XPOT Antibody (C-term) flow cytometric analysis of NCI-H292 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with XPOT Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of XPOT antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). XPOT (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-XPOT antibody	XPOT is a protein belonging to the RAN-GTPase exportin family that mediates export of tRNA from the nucleus to the cytoplasm. Translocation of tRNA to the cytoplasm occurs once exportin has bound both tRNA and GTP-bound RAN.
Product Categories/Family for anti-XPOT antibody	Signal Transduction
References	Li,S., RNA Biol 3 (4), 145-149 (2006) Suzuki,T., Biomed. Res. 27 (2), 89-92 (2006) Kuersten,S., Mol. Cell. Biol. 22 (16), 5708-5720 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8051636
NCBI GeneID	11260
NCBI Accession #	NP_009166.2
NCBI GenBank Nucleotide #	NM_007235.4
UniProt Accession #	O43592; O43784; Q8WUG2; Q9BVS7; A6NLH1

Molecular Weight	109964
NCBI Official Full Name	exportin-T
NCBI Official Synonym Full Names	exportin, tRNA
NCBI Official Symbol	XPOT
NCBI Official Synonym Symbols	XPO3
NCBI Protein Information	exportin-T
UniProt Protein Name	Exportin-T
UniProt Gene Name	XPOT
UniProt Entry Name	XPOT_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xpot-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/286236>