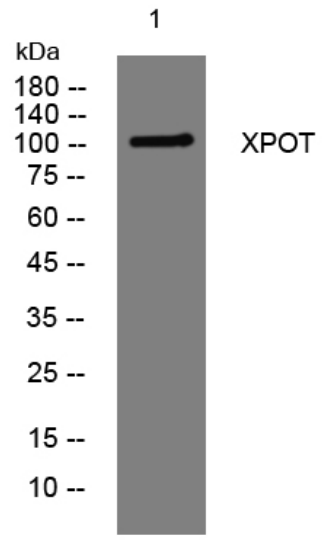
XPOT rabbit pAb

Catalog No	YP-Ab-08145
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	XPOT
Protein Name	XPOT
Immunogen	Synthesized peptide derived from human XPOT AA range: 135-185
Specificity	This antibody detects endogenous levels of XPOT at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.260% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Exportin-T (Exportin(tRNA)) (tRNA exportin)
Observed Band	105kD
Cell Pathway	Nucleus. Cytoplasm. Nuclear, once bound to tRNA and Ran the complex translocates to the cytoplasm. Shuttles between the nucleus and the cytoplasm.
Tissue Specificity	B-cell lymphoma,Cervix carcinoma,Lymph,Placenta,
Function	function:Mediates the nuclear export of aminoacylated tRNAs. In the nucleus binds to tRNA and to the GTPase Ran in its active GTP-bound form. Docking of this trimeric complex to the nuclear pore complex (NPC) is mediated through binding to nucleoporins. Upon transit of a nuclear export complex into the cytoplasm, disassembling of the complex and hydrolysis of Ran-GTP to Ran-GDP (induced by RANBP1 and RANGAP1, respectively) cause release of the tRNA from the export receptor. XPOT then return to the nuclear compartment and mediate another round of transport. The directionality of nuclear export is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus.,similarity:Belongs to the exportin family.,subcellular location:Nuclear, once bound to tRNA and Ran the complex translocates to the cytoplasm. Shuttles between the nucle
Background	This gene encodes 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. [provided by RefSeq, Jul 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night