

Anti-Exportin 1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse, Rat (predicted: Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep)
Molecular Weight:	Theoretical: 118 kDa. Actual: 118 kDa.
Purification:	Protein A purified

Applications

1. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Exportin 1/CRM1 Polyclonal Antibody, Unconjugated (TMAB-05750) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
2. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Exportin 1/CRM1 Polyclonal Antibody, Unconjugated (TMAB-05750) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
3. Sample:
 - k562 (human) Cell Lysate at 30 µg
 - Hela (Human) Cell Lysate at 30 µgPrimary: Anti-Exportin 1 (TMAB-05750) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 118 kD
Observed band size: 123 kD
4. Sample:
 - Lane 1: Mouse Testis tissue lysates
 - Lane 2: Mouse Ovary tissue lysates
 - Lane 3: Human HepG2 cell lysates
 - Lane 4: Human HeLa cell lysates
 - Lane 5: Human MCF-7 cell lysates
 - Lane 6: Human Jurkat cell lysatesPrimary: Anti-Exportin 1 (TMAB-05750) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 118 kDa
Observed band size: 120 kDa

Verified Activity:

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Exportin 1/CRM1

Antigen Species: Human

Gene ID: 7514

Uniprot ID: O14980

Research Background

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. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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