Anti-XPO2 Antibody [KO/KD Validated] Product Manual

Cat No: GPA1277

Source: Rabbit

Reactivity: H, M, R, B, C, D

Applications: WB, IH, IF/IC, IP

*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep, Z - Zebrafish

*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

Datasheet

Description：Rabbit polyclonal antibody to XPO2

Immunogen：KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human XPO2. The exact sequence is proprietary.

Purification：The antibody was purified by immunogen affinity chromatography.

Clonality：Polyclonal

Form：Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Dilution：WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100)

Gene Symbol：CSE1L

Alternative Names：CAS; XPO2; Exportin-2; Exp2; Cellular apoptosis susceptibility protein; Chromosome segregation 1-like protein; Importin-alpha re-exporter

Entrez Gene (Human)： 1434;

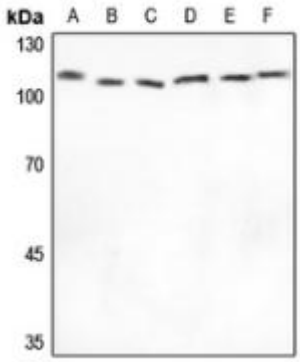
Entrez Gene (Mouse)： 110750;

SwissProt (Human)： P55060;

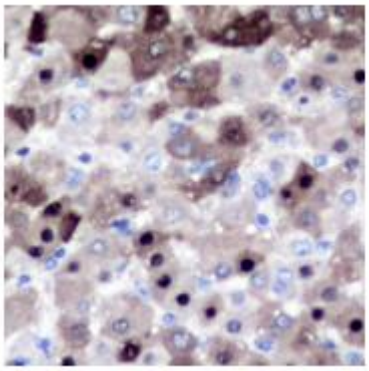
SwissProt (Mouse)： Q9ERK4;

Storage/Stability：Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

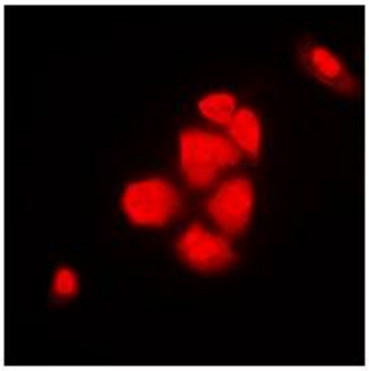
Validation



Western blot analysis of XPO2 expression in HEK293T (A), Hela (B), HGC27 (C), mouse testis (D), mouse kidney (E), rat testis (F) whole cell lysates. (Predicted band size: 110 kD; Observed band size: 110 kD)



Immunohistochemical analysis of XPO2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of XPO2 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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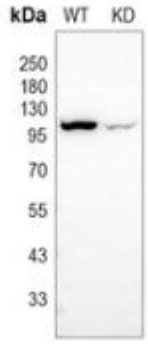

Western blot analysis of XPO2 expression in wild type (WT) and knockdown (KD) HeLa cell lysates.