
Product Name: KD-Validated Aly/REF Export Factor Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01592**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2,000-1:10,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 26.9kDa

Antigen Information

Gene Name	ALYREF ALYREF; Aly/REF Export Factor; ALY; BEF; THO Complex Subunit 4; ALY/REF; THOC4; REF;
Alternative Names	Transcriptional Coactivator Aly/REF; BZIP-Enhancing Factor BEF; Ally Of AML-1 And LEF-1; THO Complex 4; Tho4; BZIP Enhancing Factor
Gene ID	10189.0
SwissProt ID	Q86V81
Immunogen	A synthesized peptide derived from human Aly

Background

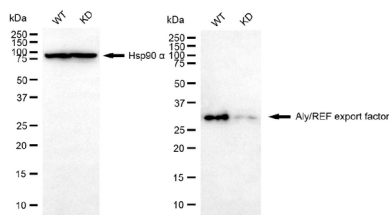
The protein encoded by this gene is a heat stable, nuclear protein and functions as a molecular chaperone. It is thought to

regulate dimerization, DNA binding, and transcriptional activity of basic region-leucine zipper (bZIP) proteins. [provided by RefSeq, Jul 2008]

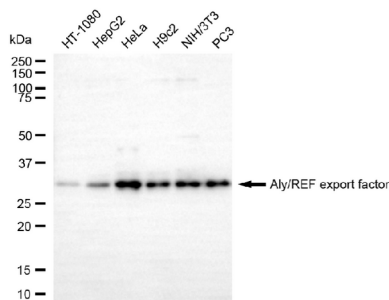
Research Area

Epigenetics and Nuclear Signaling

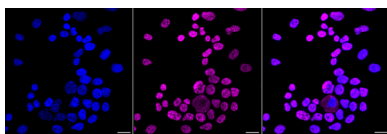
Image Data



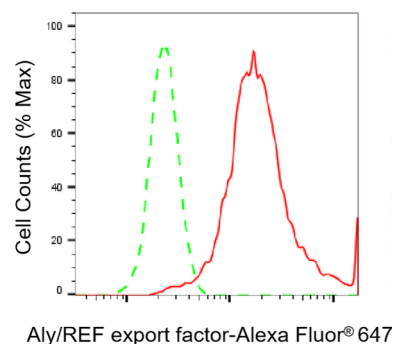
Western blotting analysis using Aly/REF export factor antibody (KVA01592). Aly/REF export factor expression in wild-type (WT) and Aly/REF export factor (ALYREF) knockdown (KD) HeLa cells with 25 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Aly/REF export factor antibody (KVA01592, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Aly/REF export factor antibody (KVA01592). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Aly/REF export factor antibody (KVA01592, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with Aly/REF export factor antibody (KVA01592, 1:1,000). Nuclei were stained blue with DAPI; Aly/REF export factor was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.



Flow cytometric analysis of Aly/REF export factor expression in HeLa cells using Aly/REF export factor antibody (KVA01592, 1:2,000). Green, isotype control; red, Aly/REF export factor.