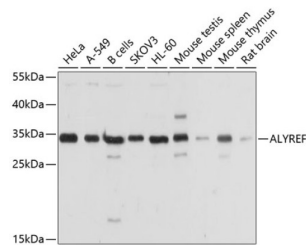
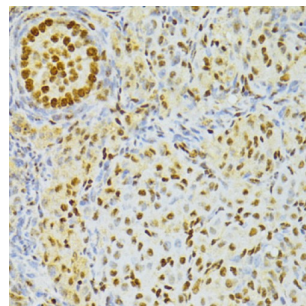


THO Complex Subunit 4 / THOC4 (ALYREF) Antibody

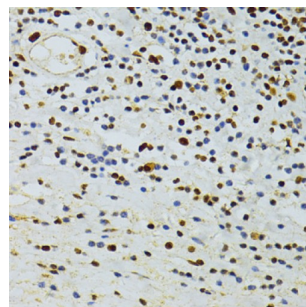
Catalogue No.:abx004619



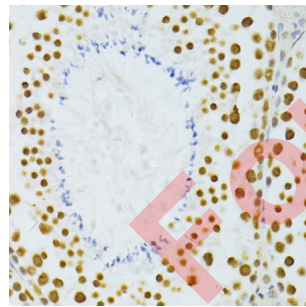
Western blot analysis of extracts of various cell lines using ALYREF Antibody (1/1000 dilution).



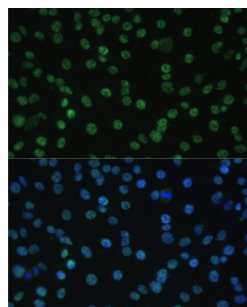
Immunohistochemistry of paraffin-embedded Rat ovary using ALYREF Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human vermiform appendix using ALYREF Antibody (1/100 dilution, 40x lens).



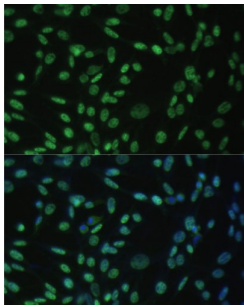
Immunohistochemistry of paraffin-embedded Mouse testis using ALYREF Antibody (1/100 dilution, 40x lens).



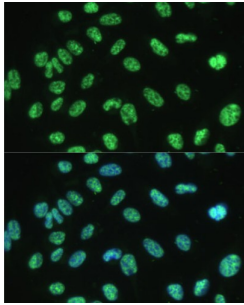
Immunofluorescence analysis of C6 cells using ALYREF Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.

Datasheet

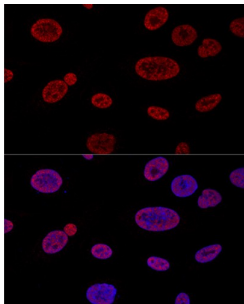
Version: 2.0.0
Revision date: 05 Jun 2025



Immunofluorescence analysis of NIH-3T3 cells using ALYREF Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using ALYREF Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U2OS cells using ALYREF Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

ALYREF Antibody is a Rabbit Monoclonal antibody against ALYREF. 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.

Target: THO Complex Subunit 4 / THOC4 (ALYREF)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

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Version: 2.0.0
Revision date: 05 Jun 2025



Immunogen:	Recombinant protein corresponding to human ALYREF
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q86V81 (UniProt , ExPASy)
Gene Symbol:	ALYREF
GeneID:	10189
OMIM:	604171
NCBI Accession:	NP_005773.3
HGNC:	19071
KEGG:	hsa:10189
Ensembl:	ENSG00000183684
String:	9606.ENSP00000421592
Molecular Weight:	Calculated MW: 26 kDa Observed MW: 30 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.