

Anti-ALYREF antibody (1-100) (STJ27806)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

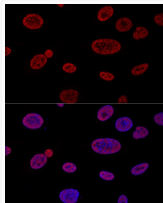
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 27kDa Observed Mw: 30kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

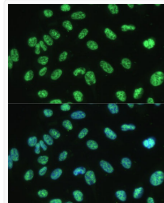
Gene ID	10189
Gene Symbol	ALYREF
UniProt ID	THOC4_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MPDSAPAMADKMDMSLDDII KLNRSQRGGRRGGRRGRFRAG SQGGRRGGGAQAAARVNRGGG PIRNRPAIARGAAGGGRRNR PAPYSRPKQLPDKWQHDLFD
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human THOC4/THOC4/ALYREF (NP_005773.3).

ADDITIONAL INFORMATION

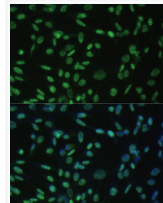
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



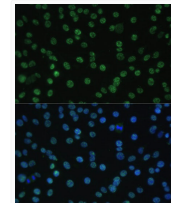
Confocal immunofluorescence analysis of U2OS cells using THOC4/THOC4/ALYREF Polyclonal Antibody (STJ27806) at dilution of 1:100. Blue: DAPI for nuclear staining.



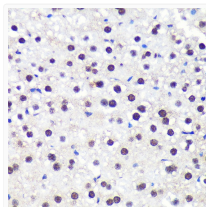
Immunofluorescence analysis of U-2 OS cells using THOC4/THOC4/ALYREF Polyclonal Antibody (STJ27806) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



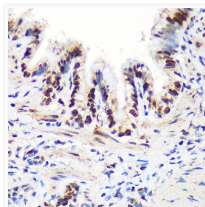
Immunofluorescence analysis of NIH-3T3 cells using THOC4/THOC4/ALYREF Polyclonal Antibody (STJ27806) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



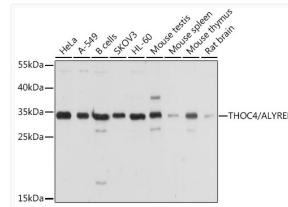
Immunofluorescence analysis of C6 cells using THOC4/THOC4/ALYREF Polyclonal Antibody (STJ27806) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using THOC4/THOC4/ALYREF Rabbit polyclonal antibody (STJ27806) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat lung using THOC4/THOC4/ALYREF Rabbit polyclonal antibody (STJ27806) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using THOC4/THOC4/ALYREF antibody (STJ27806) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.