

Anti-KAT8 antibody (350-458) [S0MR] (STJ11101860)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

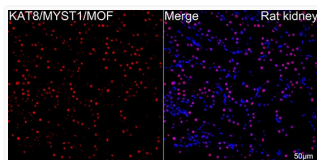
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:1000 IF/ICC:1:200-1:800 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 53kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

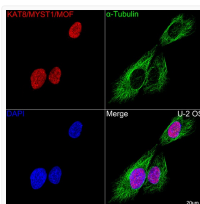
Gene ID	84148
Gene Symbol	KAT8
UniProt ID	KAT8_HUMAN
Immunogen Region	350-458
Immunogen Sequence	EKPLSDLGKLSYRSYWSWVL LEILRDFRGTLSEIKDLSQMT SITQNDIISTLQSLNMVKYW KGQHVICVTPKLVEEHLKSA QYKKPPITVDSVCLKWAPPK HKQVKLSKK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 350-458 of human KAT8/MYST1/MOF (Q9H7Z6).

ADDITIONAL INFORMATION

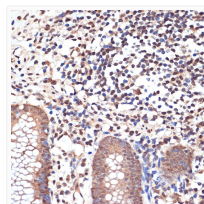
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



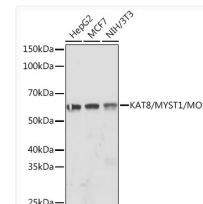
Confocal imaging of paraffin-embedded Rat kidney using KAT8/MYST1/MOF Rabbit monoclonal antibody (STJ11101860, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of U-2 OS cells using KAT8/MYST1/MOF Rabbit monoclonal antibody (STJ11101860, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of KAT8/MYST1/MOF in paraffin-embedded human appendix using KAT8/MYST1/MOF Rabbit monoclonal antibody (STJ11101860) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using KAT8/MYST1/MOF Rabbit monoclonal antibody (STJ11101860) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3min.