

Anti-GATM antibody (38-423) (STJ28681)

STJ28681

GENERAL INFORMATION

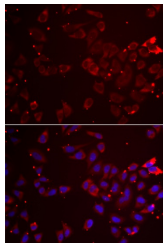
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

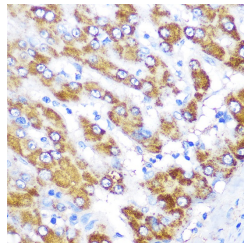
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

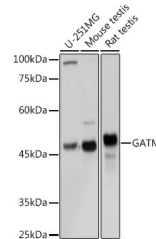
Gene ID	2628
Gene Symbol	GATM
Uniprot ID	GATM_HUMAN
Immunogen	
Region	38-423
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 38-423 of human GATM (NP_001473.1?).
Immunogen Sequence	STQAATASSRNSCAADDKAT EPLPKDCPVSSYNEWDPLEE VIVGRAENACVPPFTIEVKA NTYEKYWPFYQKQGHHYFPK DHLKKAIAEIEEMCNILKTE GVTVRPDPIDWSLKYKTPD FESTGLYSAMPRDILVGN EIIAPMAWRSRFFEYRAYR SIKDYFHRGAKWTTAPKPT MADELYNQDYPHVSVEDRHK LAAQGFVTTTEFPCFDAAD FIRAGRIDFAQRSQVTNYL



Immunofluorescence analysis of A549 cells using GATM Rabbit polyclonal antibody (STJ28681). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of GATM in paraffin-embedded human liver using GATM Rabbit polyclonal antibody (STJ28681) 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 various lysates using GATM Rabbit polyclonal antibody (STJ28681) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081