

Anti-RAB27A antibody (1-221) (STJ25258)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

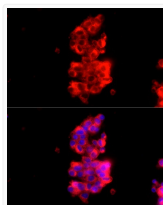
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 25kDa Observed Mw: 27kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

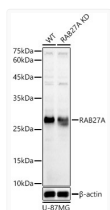
Gene ID	5873
Gene Symbol	RAB27A
UniProt ID	RB27A_HUMAN
Immunogen Region	1-221
Immunogen Sequence	MSDGDYDYLIKFLALGDSGV GKTSVLYQYTDGKFNSKFIT TVGIDFREKRVVYRASGPDG ATGRGQRIHLQLWDTAGQER FRSLTTAFFRDAMGFLLLFD LTNEQSFNLNVRNWISQLQMH AYCENPDIVLCGNKSDLEDQ RVVKEEEAIALAEKYGIPYF ETSAAANGTNISQAIEMLLDL IMKRMEKVDKSWIPEGVVR SNGHASTDQLSEEKEKGACG C
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-221 of human RAB27A (NP_899057.1).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of HepG2 cells using [KD Validated] RAB27A Rabbit polyclonal antibody (STJ25258) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and RAB27A knockdown (KD) U-87MG (KD) cells, using [KD Validated] RAB27A Rabbit polyclonal antibody (STJ25258) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.