

Anti-BGN antibody (38-368) (STJ28337)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

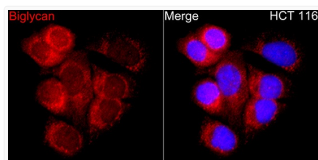
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 42kDa Observed Mw:
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

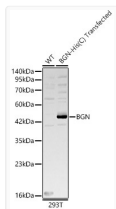
Gene ID	633
Gene Symbol	BGN
UniProt ID	PGS1_HUMAN
Immunogen Region	38-368
Immunogen Sequence	DEEASGADTSGVLPDPSVTP TYSAMCPFGCHCHLRVVQCS DLGLKSVPKEISPDTTLLDL QNNDISELRKDDFKGLQHLV ALVLVNNKISKIHEKAFSPL RKLQKLYISKNHLEIPPNL PSSLVELRIHDNRIRKVPKG VFSGLRNMNCIEMGGNPLEN SGFEPGAFDGLKLNLYLRISE AKLTGIPKDLPETLNLHLD HNKIQAIIELEDLLRYSKLYR LGLGHNQIRMIENGSLSL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 38-368 of human BGN (NP_001702.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Immunofluorescence analysis of HCT 116 cells using BGN Rabbit polyclonal antibody (STJ28337) at a 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 293T cells transfected with BGN using BGN Rabbit polyclonal antibody (STJ28337) at 1:800 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: 90s.