

Anti-HBG2 antibody (1-100) (STJ11105110)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

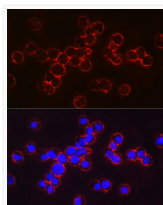
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 16kDa Observed Mw: 13kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

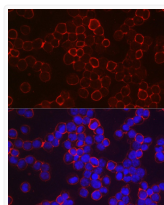
Gene ID	3048
Gene Symbol	HBG2
UniProt ID	HBG2_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MGHFTTEEDKATITSLWGKVN VEDAGGETLGRLLVVYPWTQ RFFDSFGNLSSASAIMGNPK VKAHGKKVLTSLGDAIKHLD DLKGTFAQLSELHCDKLHVD
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HBG1/HBG2 (NP_000175.1).

ADDITIONAL INFORMATION

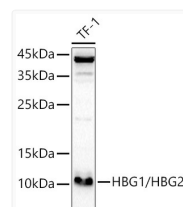
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of TF-1 cells using HBG1/HBG2 Rabbit polyclonal antibody (STJ11105110) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of K-562 cells using HBG1/HBG2 Rabbit polyclonal antibody (STJ11105110) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of TF-1, using HBG1/HBG2 Rabbit polyclonal antibody (STJ11105110) 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 Basic Kit. Exposure time: 30s.