

Anti-BGLAP antibody (1-100) (STJ27961)

ST.127961

GENERAL INFORMATION

Product Type Primary antibodies

Short Description

Applications WB/IF/ICC/ELISA Host/Source Rabbit

Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality Polyclonal

Clone ID
Concentration
Conjugation
Purification
Dilution Range
WB:1:500-1:1000

IF/ICC: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 0.09% 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

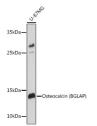
Gene ID 632 Gene Symbol BGLAP

Uniprot ID OSTCN_HUMAN

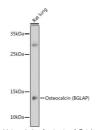
Immunogen 1-100

Region
Specificity A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Osteocalcin (BGLAP) (NP_954642.1).
Immunogen MRALTLLALLALALCIAGQ AGAKPSGAESSKGAAFVSKQ EGSEVVKRPRRYLYQWLGAP VPYPDPLEPRREVCELNPDC

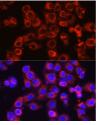
Sequence DELADHIGFQEAYRRFYGPV



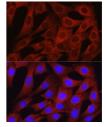
Western blot analysis of extracts of U-87MG cells, using Osteocalcin (BGLAP) antibody (STJ27981) at 1:1000 dilution. Secondary antibody. HRP Goat Antirabbit IgG (H+L) (STJS000856) at 1:10000 dilution Lysates/proteins: 25 Mu g per lane. Blocking buffer; 3% non-fat dry milk in TBST. Detection: ECL Basic Kt.



Western blot analysis of extracts of Rat lung, usin Osteocacin (BGLAP) antibody (STL279501) at 1:100 dilution. Secondary antibody: HRP Goat Anti-rabbit Ig (H+L) (STL9000856) at 1:10000 dilutio Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3' non-fat dry milk in TBST. Detection: ECL Basic Ki Fxnosure time: 180s.



Immunofluorescence analysis of MG-63 cells using Osteocalcin (BGLAP) rabbit polyclonal antibody (STJ27961) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Osteocalcin (BGLAP) rabbit polyclonal antibody (STJ27961) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.