

Anti-PTHLH Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep)
Molecular Weight:	Theoretical: 16 kDa.
Purification:	Protein A purified

Applications

1. Blank control: A549.

Primary Antibody (green line): Rabbit Anti-PTHLH antibody (TMAB-11908)

Dilution: 1 μ g / 10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-PE

Dilution: 1 μ g / test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 20% PBST for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

2. Tissue/cell: mouse stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Incubation: Anti-PTHrP/PTHLH Polyclonal Antibody, Unconjugated (TMAB-11908) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

3. Tissue/cell: human liver cancer; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Incubation: Anti-PTHLH Polyclonal Antibody, Unconjugated (TMAB-11908) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

4. Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Incubation: Anti-PTHLH Polyclonal Antibody, Unconjugated (TMAB-11908) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

Verified Activity:

A DRUG SCREENING EXPERT

Application: IHC-P,IHC-Fr,IF,FCM

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human PTHLH

Antigen Species: Human

Gene ID: 5744

Uniprot ID: P12272

Research Background

Parathyroid related protein (PTHLH), is a polypeptide hormone produced by almost every tissue of the body and is closely related to parathyroid hormone (PTH). It signals through its receptor, PTHR1, regulating endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth. The receptor for this hormone (PTHRP) is responsible for most cases of humoral hypercalcemia of malignancy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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