

Anti-SLUG/SNAI2 Antibody Picoband™

Catalog Number: PB9439

About SNAI2

SLUG is also known as SNAI2. This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. Mutations in this gene may be associated with sporadic cases of neural tube defects.

Overview

Product Name	Anti-SLUG/SNAI2 Antibody Picoband™
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SLUG/SNAI2 Antibody Picoband™ catalog # PB9439. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal G9
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O43623

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SLUG, identical to the related mouse and rat sequences.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

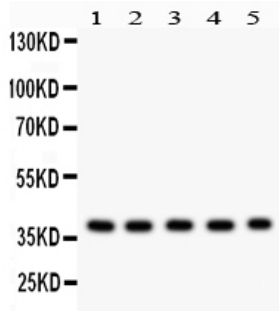
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

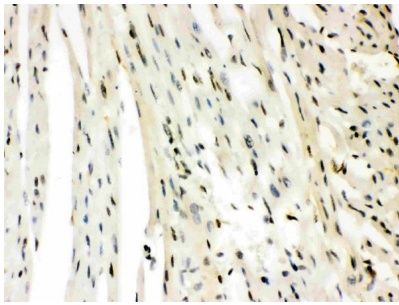
Boster Bio's internal QC testing used:

Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Mouse, Rat, Human, By Heat
Western blot, 0.1-0.5ug/ml, Human, Mouse

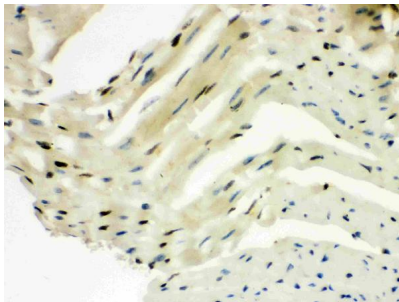
Anti-SLUG/SNAI2 Antibody Picoband™ (PB9439) Images



Anti-SLUG Picoband antibody, PB9439, Western blotting
All lanes: Anti SLUG (PB9439) at 0.5ug/ml
Lane 1: Mouse Kidney Tissue Lysate at 50ug
Lane 2: Mouse Lung Tissue Lysate at 50ug
Lane 3: Mouse Spleen Tissue Lysate at 50ug
Lane 4: Mouse Brain Tissue Lysate at 50ug
Lane 5: MCF-7 Whole Cell Lysate at 40ug
Predicted bind size: 30KD
Observed bind size: 39KD



Anti-SLUG Picoband antibody, PB9439, IHC(P)
IHC(P): Rat Cardiac Muscle Tissue



Anti-SLUG Picoband antibody, PB9439, IHC(P)
IHC(P): Mouse Cardiac Muscle Tissue

5 Publications Citing This Product

1. PubMed ID: 10.3892/ijmm.2021.5071, Microrchidia family CW-type zinc finger 2 promotes the proliferation, invasion, migration and epithelial-mesenchymal transition of glioma by regulating PTEN/PI3K/AKT signaling via binding to N-myc downstream regulated gene 1 promoter
2. PubMed ID: 10.3892/ol.2021.12445, Expression of Twist, Slug and Snail in esophageal squamous cell carcinoma and their prognostic significance
3. PubMed ID: 10.1007/s11033-016-4038-3, Phenotype transformation of immortalized NCM460 colon epithelial cell line by TGF-beta1 is associated with chromosome instability

Visit [bosterbio.com/anti-slug-picoband-trade-antibody-pb9439-boster.html](https://www.bosterbio.com/anti-slug-picoband-trade-antibody-pb9439-boster.html) to see all 5 publications.

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