

Product datasheet for TA306360

SLUG (SNAI2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: WB: 1 - 2 ug/mL Human, Mouse

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Slug antibody was raised against a 14 amino acid peptide from near the center of human

Slug.

Formulation: PBS containing 0.02% sodium azide.

Concentration: 1 mg/ml

Purification: Affinity chromatography purified via peptide column

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: snail family transcriptional repressor 2

Database Link: NP 003059

Entrez Gene 20583 MouseEntrez Gene 6591 Human

043623



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Background:

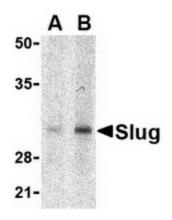
Slug, a member of the Snail family of C2H2-type zinc finger transcription factors, was initially identified to be involved in epithelial-mesenchymal transitions as well as the formation of the neural tube during vertebrate embryogenesis. Like Snail, Slug transcription can be induced by growth factors such as FGF, BMP, and TGF-beta. Once expressed, Slug will bind E-box regions of promoters and repress transcription of genes such as E-cadherin and Claudin-1. More recently, its expression in breast, esophogeal, and colorectal carcinomas has been correlated with poor prognosis for survival. Furthermore, Slug can protect hemapoietic progenitor cells from radiation-induced apoptosis by repressing the p53-mediated transcription of Puma, a BH3-only antagonist of the anti-apoptotic members of the Bcl-2 family. Slug antibody has no cross-reactivity to Snail protein.

Synonyms: SLUG; SLUGH1; SNAIL2; WS2D

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Adherens junction

Product images:



Western blot analysis of Slug in human kidney cell lysate with Slug antibody at in (A) 1 and (B) 2 ug/ml.