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diagnostic or therapeutic use.**

EB07405 - Goat Anti-Snail homolog 1 / SNAI1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SNAI1, snail homolog 1 (Drosophila), SLUGH2, SNA, SNAH, dJ710H13.1, snail 1 (drosophila homolog), zinc finger protein, snail 1 homolog, snail 1 zinc finger protein

Official Symbol: SNAI1

Accession Number(s): NP_005976.2

Non-Human GeneID(s): 20613 (mouse), 116490 (rat)

Immunogen

Peptide with sequence RKPSDPNRKPNY-C, from the N Terminus of the protein sequence according to NP_005976.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 28kDa band observed in lysates of cell line A431 and in Rat Kidney lysates (calculated MW of 29.1kDa according to Human NP_005976.2 and Rat NP_446257.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat

Specific Reference

This antibody has been successfully used in IHC and Western blot on Rat:

Cui F, Zou D, Gao Y, Zhang N, Wang J, Xu L, Geng J, Li J, Zhou S, Wang X.

Effect of Tongxinluo on Nephron Expression via Inhibition of Notch1/Snail Pathway in Diabetic Rats.

Evid Based Complement Alternat Med. 2015;2015:424193

PMID: 26417374

EB07405 (0.1 µg/ml) staining of A431 lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

EB07405 (0.1 µg/ml) staining of Rat Kidney lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

EB07405 (5 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.