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# Datasheet

## SNAI1 (phospho S246) polyclonal antibody

**Catalog Number:** PAB29288

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic phosphopeptide of human SNAI1.

**Immunogen:** Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S246 of human SNAI1.

**Host:** Rabbit

**Theoretical MW (kDa):** 29

**Reactivity:** Human,Mouse

**Applications:** IF, WB-Ce
(See our web site product page for detailed applications information)

**Protocols:** See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

**Specificity:** SNAI1 (phospho S246) polyclonal antibody detects endogenous levels of human SNAI1 only when phosphorylated at serine 246.

**Form:** Liquid

**Purification:** Affinity Chromatography

**Recommend Usage:** Immunofluorescence (1:100~1:200)
Western Blot (1:500~1:1000)
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (without $Mg^{2+}$ and $Ca^{2+}$), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

**Storage Instruction:** Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6615

**Gene Symbol:** SNAI1

**Gene Alias:** SLUGH2, SNA, SNAH, dJ710H13.1

**Gene Summary:** The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2. [provided by RefSeq]

**References:**

1. Bone morphogenetic protein and activin membrane-bound inhibitor overexpression inhibits gastric tumor cell invasion via the transforming growth factor-?/epithelial-mesenchymal transition signaling pathway. Yuan CL, Liang R, Liu ZH, Li YQ, Luo XL, Ye JZ, Lin Y. Exp Ther Med. 2018 Jun;15(6):5422-5430. doi: 10.3892/etm.2018.6083. Epub 2018 Apr 20.