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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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- Gefahrgutzuschlag
- Expressversand

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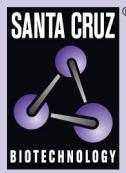
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# IL-1RAcP (h): 293T Lysate: sc-116546



## BACKGROUND

Interleukin-1 (IL-1) is a key pro-inflammatory cytokine that has diverse actions in the brain as a regulator of host defense responses and a mediator of inflammation. Two major agonists, IL-1 $\alpha$  and IL-1 $\beta$ , bind to a single known functional type-1 IL-1 receptor (IL-1RI), which associates with the accessory protein (IL-1RAcP), resulting in signal transduction. IL-1F6, IL-1F8 and IL-1F9 signal through IL-1RAcP to activate NF $\kappa$ B. The membrane bound form of IL-1RAcP (mIL-1RAcP) facilitates signal transduction. Two alternatively spliced isoforms, soluble IL-1RAcP (sIL-1RAcP) and sIL-1RAcP- $\beta$ , which lack transmembrane and intracellular domains, can inhibit IL-1 signaling. Although both mIL-1RAcP and sIL-1RAcP mRNAs are widely expressed in human tissue, their relative proportions differ significantly in a tissue-specific manner.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: IL1RAP (human) mapping to 3q28.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PRODUCT

IL-1RAcP (h): 293T Lysate represents a lysate of human IL-1RAcP transfected 293T cells and is provided as 100  $\mu$ g protein in 200  $\mu$ l SDS-PAGE buffer.

## APPLICATIONS

IL-1RAcP (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive IL-1RAcP antibodies. Recommended use: 10-20  $\mu$ l per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

## STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.