



## beta-Pix Antibody

CATALOG NUMBER: 36-195

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, ICC, WB
<b>APPLICATIONS:</b>	ELISA: (direct and indirect: 1:5,000-1:10,000). Immunocytochemistry: (1:1,000). Western Blot: (1:2,000-1:5,000 using ECL. Suggested blocking and dilution buffer is TBST containing 0.05% Tween 20 and 5% skim milk. Suggested incubation time is 1 hour at room temperature). Optimal conditions must be determined individually for each application.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	Recognizes the multiple splice variants of human, mouse and rat beta-Pix a, b, bL, c and d-isoforms. Cross-reacts with human and rat beta-Pix.
<b>IMMUNOGEN:</b>	Recombinant beta-Pix SH3 domain.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Liquid. 0.2um-filtered solution in PBS, pH 7.4. Contains no preservatives.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	Stable for at least 6 months after receipt when stored at -20°C.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	Rho Guanine Nucleotide Exchange Factor 7; PAK-interacting Exchange Factor beta; p85SPR; COOL-1
<b>ACCESSION NO.:</b>	Q9ES28
<b>PROTEIN GI NO.:</b>	125987791
<b>OFFICIAL SYMBOL:</b>	Arhgef7
<b>GENE ID:</b>	54126

### Background

<b>BACKGROUND:</b>	beta-PIX acts as a RAC1 guanine nucleotide exchange factor (GEF) and can induce membrane ruffling. It interacts with PAK kinases through the SH3 domain. It may function as a positive regulator of apoptosis and is involved in cell migration. It is expressed with high levels in the central nervous system.
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