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Datasheet for ABIN571127

anti-STAT4 antibody (AA 613-627)

1 Image

Overview

Quantity:	100 µg
Target:	STAT4
Binding Specificity:	AA 613-627
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	STAT4 (aa 613-627)
Immunogen:	C-DHSESGEVRFHVSVEP
Sequence:	DHSESGEVRF HSVEP
Isotype:	IgG
Predicted Reactivity:	Human, Dog, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	STAT4
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Target Details

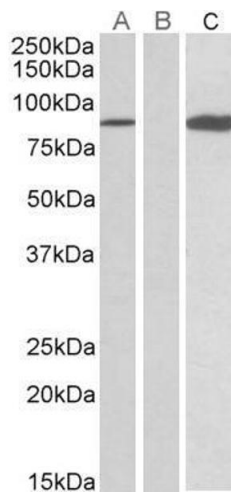
Alternative Name:	STAT4 (STAT4 Products)
Background:	STAT4, signal transducer and activator of transcription 4, SLEB11, OTTHUMP00000163553
Gene ID:	6775
NCBI Accession:	NP_003142
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	<p>DS WB Results: In transfected HEK293 transiently expressing full-length Human STAT4 (MYC and DYKDDDDK tagged), a band of approx.85 kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody.</p> <p>Recommended concentration, 0.2-0.5 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human STAT4 (RC206892) with C-terminal MYC tag probed with ABIN571127 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN571127 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.