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Datasheet for ABIN5010700  
**anti-SLK antibody (pTyr530) (Alexa Fluor 680)**

### Overview

Quantity:	100 µL
Target:	SLK
Binding Specificity:	pTyr530
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLK antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human FYN around the phosphorylation site of Tyr530
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	SLK
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## Target Details

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Alternative Name: SLK ([SLK Products](#))

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Background: Synonyms: Fyn phospho Y530, p-Fyn phospho Y530, C syn protooncogene, FYN oncogene related to SRC FGR YES\_ MGC45350\_ OKT3 induced calcium influx regulator\_ P59 FYN, Protein tyrosine kinase fyn, Proto oncogene tyrosine protein kinase fyn, Protooncogene Syn, SLK, Src like kinase, Src yes related novel gene, Src/yes related novel gene, SYN, FYN, Tyrosine kinase p59fyn T, Tyrosine kinase p59fynT.

Background: Fyn is a membrane-associated, non-receptor protein tyrosine kinase approximately 59 kDa, which belongs to the Src family of cytoplasmic tyrosine kinases. Fyn is very strongly similar to mouse Fyn, v-yes and c-src. Fyn is expressed predominately in tissues of neuronal and hematopoietic origin. Neuronal Fyn and hematopoietic Fyn differ at the junction of the SH2 and kinase domains due to tissue specific alternative splicing. Fyn has been shown to be involved in B cell and T cell activation as well as keratinocyte differentiation. In T cells, Fyn associates with the T-cell antigen receptor and Thy1. The unique N terminal domain of Fyn interacts with the CD3 and eta chains of the TcR. Fyn can bind to other proteins (p82 and p116) through its SH2 and SH3 domains, which may act as substrates or regulators of Fyn activity. Fyn is highly expressed in brain suggesting that it may have a role in the sensory nervous network and in myelination at early stages of CNS formation.

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Gene ID: 2534

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## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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## Handling

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handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months