

Fyn (phospho-Y530) polyclonal antibody

Catalog: AP0263

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Fyn is a membrane-associated, non-receptor protein tyrosine kinase approximately 59kDa, which belongs to the Src family of cytoplasmic tyrosine kinases. Fyn is very strongly similar to mouse Fyn, v-src 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.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 59 kDa

Swiss-Prot:

P06241

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

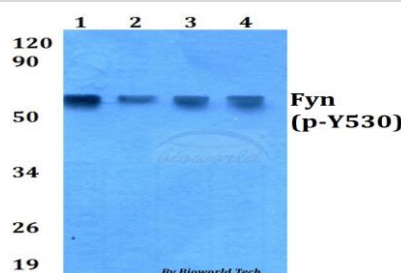
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-Fyn (Y530) polyclonal antibody detects endogenous levels of Fyn protein only when phosphorylated at Tyr530.

DATA:



Western blot (WB) analysis of p-Fyn (Y530) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with H₂O₂ (100uM, 15mins)

Lane2: Raw264.7 cell lysate treated with H₂O₂ (100uM, 15mins)

Lane3: PC12 cell lysate treated with H₂O₂ (100uM, 15mins)

Lane4: MCF-7 cell lysate treated with H₂O₂ (100uM, 15mins)

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151