# Lyn Ab

Images(1)

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|---|---|---|
| Cat.#: DF6817 | Concn.: ~1mg/ml | Mol.Wt.: 59kDa |
| Size: | Source: Rabbit | Clonality: Polyclonal |

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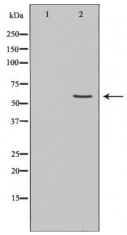
|---|---|
| Application: | WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500<br>*The optimal dilutions should be determined by the end user. |
| Reactivity: | Human,Mouse,Rat |
| Storage: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |
| Immunogen: | A synthesized peptide derived from human Lyn, corresponding to a region within C-terminal amino acids. |
| Uniprot: | P07948 |
| Description: | Lyn, one of the Src family members, is predominantly expressed in hematopoietic cells . Two tyrosine residues have been reported to play a crucial role in the regulation of protein tyrosine kinases of the Src family. Autophosphorylation of Tyr396 (equivalent to Tyr416 of Src), located in the catalytic domain, correlates with enzyme activation. Csk-mediated phosphorylation of the carboxy-terminal Tyr507 (equivalent to Tyr527 of Src) inactivates the kinase. Tyrosine phosphorylation and activation of Lyn occurs upon association with cell surface receptors such as the B cell Ag receptor (BCR) and CD40 (2-4). |




Western blot analysis of Mouse brain lysates, using LYN Ab. The lane on the left was treated with the antigen-specific peptide.

*IMPORTANT:* For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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