Affinity Biosciences
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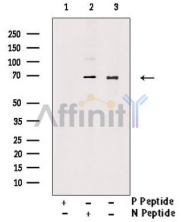
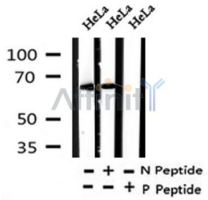
Phospho-IRAK1 (Thr100) Ab

Cat.#: AF4441	Concn.: 1mg/ml	Mol.Wt.: 68kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-IRAK1 (Thr100) Ab detects endogenous levels of IRAK1 only when phosphorylated at Thr100.
Immunogen:	A synthesized peptide derived from human IRAK1 around the phosphorylation site of Thr100.
Uniprot:	P51617
Subcellular Location:	Nucleus;
Tissue Specificity:	Isoform 1 and isoform 2 are ubiquitously expressed in all tissues examined, with isoform 1 being more strongly expressed than isoform 2.
Similarity:	The ProST region is composed of many proline and serine residues (more than 20 of each) and some threonines. This region is the site of IRAK-1 hyperphosphorylation.Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily.
Storage Condition and Buffer:	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.



Western blot analysis of extracts from HeLa , using Phospho-IRAK1 (Thr100) Ab. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



Western blot analysis of Phospho-IRAK1 (Thr100) in lysates of HeLa , using Phospho-IRAK1 (Thr100) Ab(AF4441).

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.