

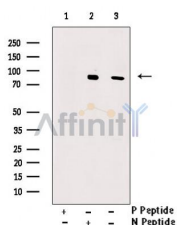
## Phospho-IRAK1 (Thr387) Ab

Cat.#: AF4443  
Size: 100ul,200ul

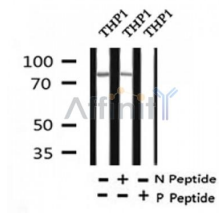
Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 77kDa  
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 (Thr387) Ab detects endogenous levels of IRAK1 only when phosphorylated at Thr387.  |
| Immunogen:                    | A synthesized peptide derived from human IRAK1 around the phosphorylation site of Thr387.   |
| 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 THP1 , using Phospho-IRAK1 (Thr387) Ab. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



Western blot analysis of Phospho-IRAK1 (Thr387) in lysates of THP1 , using Phospho-IRAK1 (Thr387) Ab(AF4443).

**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.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.