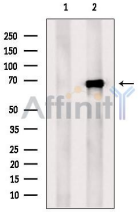
Affinity Biosciences
website:www.affbiotech.com
order:order@affbiotech.com

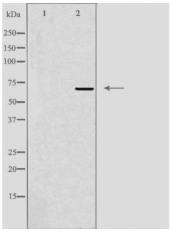
IRAK1 Ab

Cat.#: DF3487	Concn.: 1mg/ml	Mol.Wt.: 68 KD
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

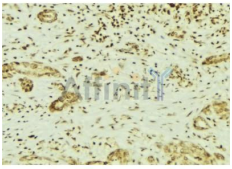
Application:	WB 1:500~1:1000 IHC: 1:50~1:200 IF/ICC 1:100-1:500
Reactivity:	Human,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	IRAK1 Ab detects endogenous levels of total IRAK1.
Immunogen:	A synthesized peptide.
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 Rat brain, using IRAK1 Ab. The lane on the left was treated with blocking peptide.



Western blot analysis of extracts from K562 cells, using IRAK1 Ab.The lane on the left was treated with the antigen-specific peptide.



DF3487 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

DF3487 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Red), diluted at 1/600, was used as secondary Ab.

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.