

Anti-IRAK1 antibody (424-633) (STJ114498)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

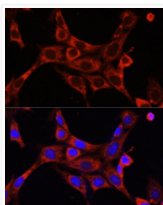
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:3000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 77kDa Observed Mw: 77kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

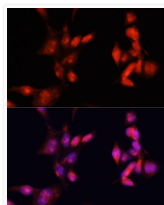
Gene ID	3654
Gene Symbol	IRAK1
UniProt ID	IRAK1_HUMAN
Immunogen Region	424-633
Immunogen Sequence	VKTHGARTKYLVERLEKIQ AVVAGVPGHSEAASCIPSP QENSYVSSTGRAHSGAAPWQ PLAAPSGASAAAEQLQRGP NQPVESDESLGGLSAALRSW HLTSPSCPLDPAPLREAGCPQ GDTAGESSWGSQPGSRPTAV EGLALGSSASSSSEPPQIII NPARQKMVQKLALYEDGALD SLQLSSSSLPGLGLEQDRQ GPESDEFQS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 424-633 of human IRAK1 (NP_001020414.1).

ADDITIONAL INFORMATION

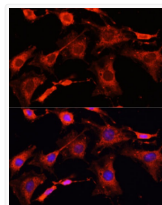
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



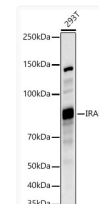
Immunofluorescence analysis of NIH/3T3 cells using IRAK1 antibody (STJ114498) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using IRAK1 antibody (STJ114498) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using IRAK1 antibody (STJ114498) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of 293T, using IRAK1 Rabbit polyclonal antibody (STJ114498) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.