

Product datasheet for **AP55759PU-N**

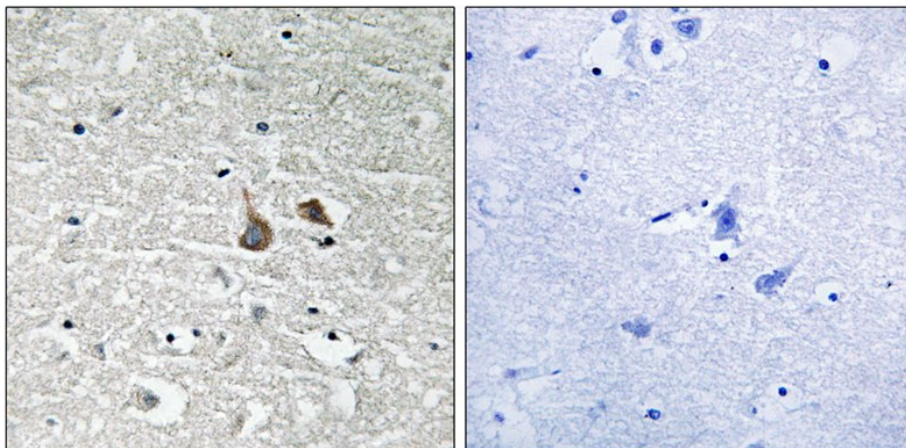
IRAK (IRAK1) pSer376 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin sections 1:50~1:100 .
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of Serine 376(Q-S-S(p)-M-V) derived from Human IRAK1 (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of IRAK1 only when phosphorylated at serine 376.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	76 kDa
Gene Name:	interleukin 1 receptor associated kinase 1
Database Link:	Entrez Gene 3654 Human P51617
Background:	IRAK1 encodes the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK1 is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B.
Synonyms:	IRAK-1, IRAK



[View online »](#)

Product images:

Immunohistochemical analysis of paraffin-embedded human brain tissue using IRAK1 (Phospho-Ser376) antibody (left) or the same antibody preincubated with blocking peptide (right).