Datasheet for ABIN1534222

anti-IRAK3 antibody (AA 491-540)

3 Images

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Overview

Quantity:	100 µg
Target:	IRAK3
Binding Specificity:	AA 491-540
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human IRAK3.
Isotype:	IgG
Specificity:	IRAK3 Antibody detects endogenous levels of total IRAK3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	IRAK3
Alternative Name:	IRAK3 (IRAK3 Products)
Background:	Synonyms: Interleukin-1 receptor-associated kinase 3, IRAK-3, IL-1 receptor-associated kinase

Target Details

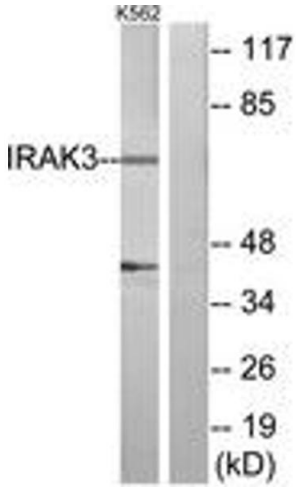
	M, IRAK-M NCBI Gene Symbol: IRAK3
Molecular Weight:	67 kDa
Gene ID:	11213
OMIM:	604459
UniProt:	Q9Y616
Pathways:	TLR Signaling, Activation of Innate immune Response, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.369265 (NCBI Gene Symbol: IRAK3)
Restrictions:	For Research Use only

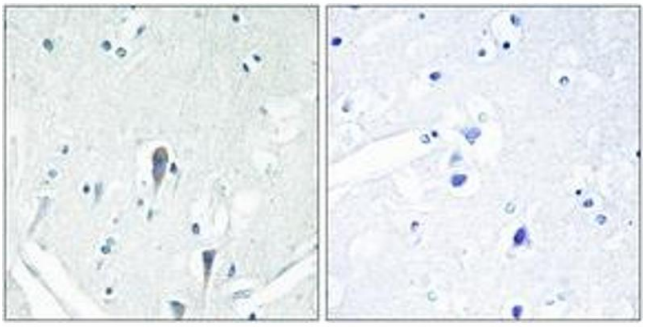
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



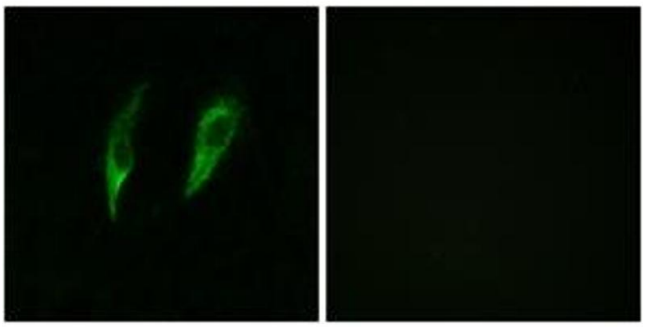
Western Blotting

Image 1. Western blot analysis of extracts from K562 cells, using IRAK3 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using IRAK3 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells, using IRAK3 Antibody. The picture on the right is treated with the synthesized peptide.