

IRAK-M rabbit pAb**Cat#: orb767491 (Manual)**

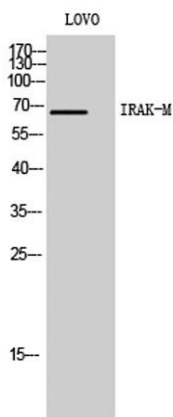
For research use only. Not intended for diagnostic use.

Product Name	IRAK-M rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human IRAK3. AA range:491-540
Specificity	IRAK-M Polyclonal Antibody detects endogenous levels of IRAK-M protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Interleukin-1 receptor-associated kinase 3
Gene Name	IRAK3
Cellular localization	Cytoplasm . Nucleus . In dendritic cells, translocates into the nucleus upon IL33 stimulation. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

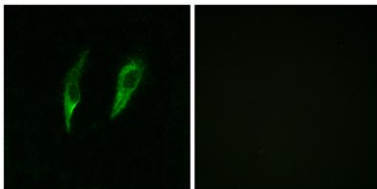
Concentration	1 mg/ml
Observed band	68kD
Human Gene ID	11213
Human Swiss-Prot Number	Q9Y616
Alternative Names	IRAK3; Interleukin-1 receptor-associated kinase 3; IRAK-3; IL-1 receptor-associated kinase M; IRAK-M

Background

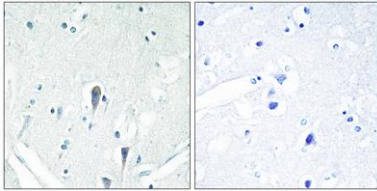
This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010],



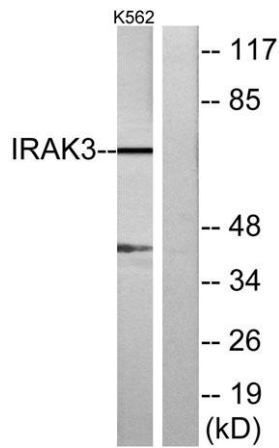
Western Blot analysis of LOVO cells using IRAK-M Polyclonal Antibody



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



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



Western blot analysis of lysates from K562 cells, using IRAK3 Antibody. The lane on the right is blocked with the synthesized peptide.