

Product datasheet for **AP22850PU-N**

IRAK2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Immunocytochemistry. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1 - 2 µg/ml.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	IRAK2 antibody was raised against synthetic peptide
Specificity:	This antibody reacts to Interleukin 1 Receptor-Associated Kinase 2 (IRAK2).
Formulation:	PBS containing 0.02% sodium azide. State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 1 receptor associated kinase 2
Database Link:	Entrez Gene 3656 Human O43187
Background:	IRAK2, an IRAK type protein kinase, is a signal transducer for the immune response interleukin-1 receptor (IL-1R) signaling cascade. IRAK2 also has been associated with signaling cell death, potentially via the Fas-associated death domain protein/caspase-8 apoptotic pathway. Dominant negative forms of IRAK2 attenuate IL-1R-mediated NF-kappa B activation, suggesting that IRAK-2 may serve as a therapeutic target for inhibiting IL-1-induced inflammation.



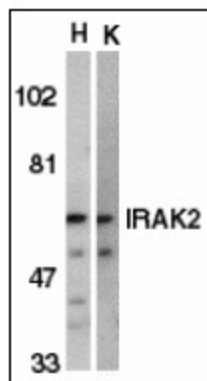
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Synonyms: IRAK-2

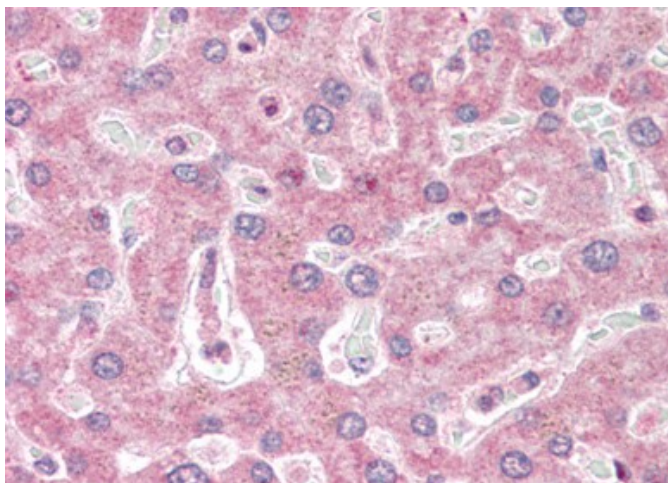
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Apoptosis, Neurotrophin signaling pathway

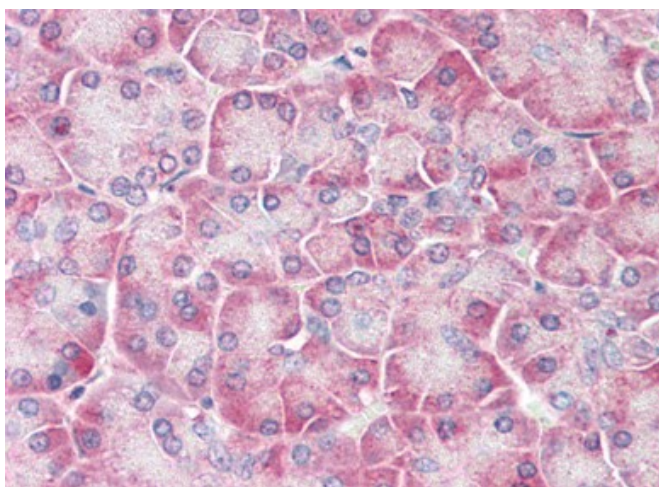
Product images:



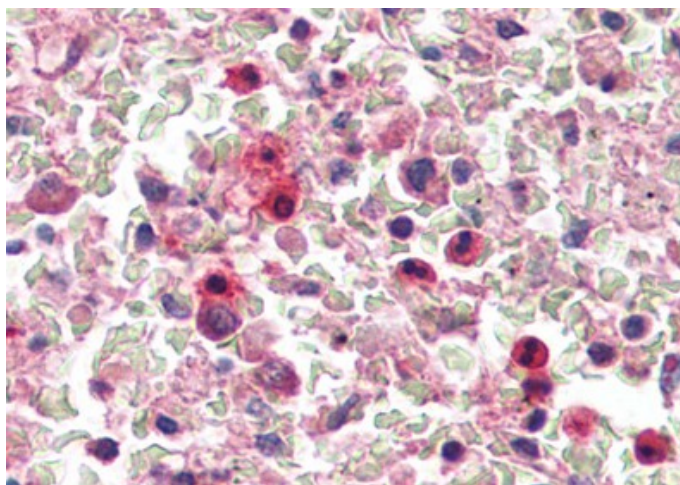
Western blot analysis of IRAK2 in HeLa (H) and K562 (K) whole cell lysate with IRAK2 antibody (AP22850PU-N) at 2 ug/ml.



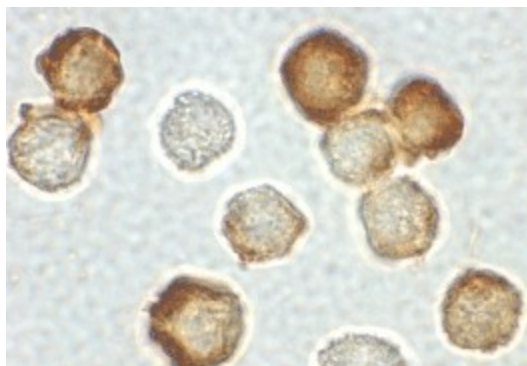
Human Liver (formalin-fixed, paraffin-embedded) stained with IRAK2 antibody AP22850PU-N at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Pancreas (formalin-fixed, paraffin-embedded) stained with IRAK2 antibody AP22850PU-N at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Spleen (formalin-fixed, paraffin-embedded) stained with IRAK2 antibody AP22850PU-N at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Immunocytochemical staining of HeLa cells using IRAK2 antibody (AP22850PU-N) at 2 ug/ml.