

IRAK2 Polyclonal Antibody

Catalog No: #42225

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

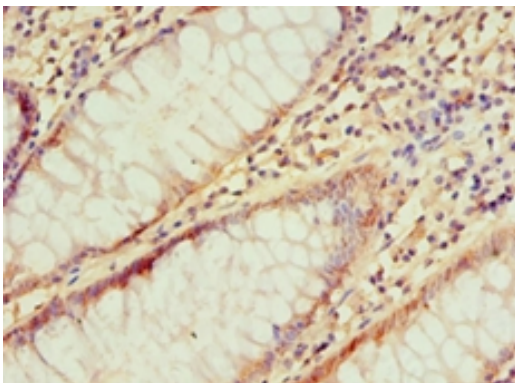
Description

Product Name	IRAK2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total IRAK2 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Interleukin-1 receptor-associated kinase-like 2 protein(1-270aa)
Target Name	IRAK2
Other Names	Interleukin-1 receptor-associated kinase-like 2, IRAK-2, IRAK2
Accession No.	Swiss-Prot#: O43187
Uniprot	O43187
GeneID	3656;
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

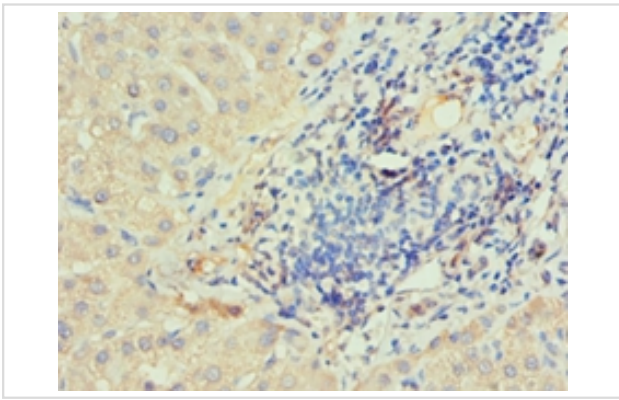
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma using #42225 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human liver cancer using #42225 at dilution of 1:100.

Background

Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.

References

- [1]Patterns of somatic mutation in human cancer genomes."Greenman C., Stephens P., Smith R., Dalgleish G.L., Hunter C., Bignell G., Davies H., Teague J., Butler A., Stevens C., Edkins S., O'Meara S., Vastrik I., Schmidt E.E., Avis T., Barthorpe S., Bhamra G., Buck G. Stratton M.R.Nature 446:153-158(2007). [2]Helical assembly in the MyD88-IRAK4-IRAK2 complex in TLR/IL-1R signalling."Lin S.-C., Lo Y.-C., Wu H.Nature 465:885-890(2010). [3]IRAK-M is a novel member of the Pelle/interleukin-1 receptor-associated kinase (IRAK) family." Wesche H., Gao X., Li X., Kirschning C.J., Stark G.R., Cao Z.J. Biol. Chem. 274:19403-19410(1999).

Note: This product is for in vitro research use only