

Product Datasheet

IRAK4 Antibody - BSA Free

NBP1-77231

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-77231

IRAK4 Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	55 kDa

Product Description

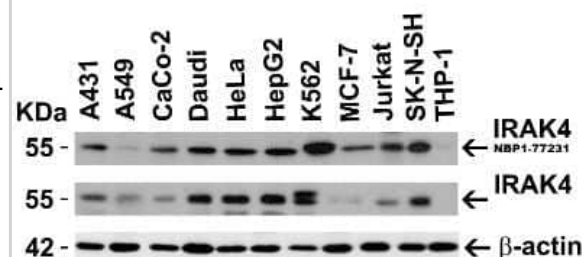
Host	Rabbit
Gene ID	51135
Gene Symbol	IRAK4
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine: (85%), Mouse: (85%)
Specificity/Sensitivity	IRAK-4 antibody is predicted to not cross-react with other members of the IRAK protein family.
Immunogen	Antibody was raised against a synthetic peptide corresponding to 13 amino acids near the carboxy terminus of human IRAK-4. The immunogen is located within the last 50 amino acids of IRAK-4. Amino Acid Sequence: KKVQQLQEMTAS

Product Application Details

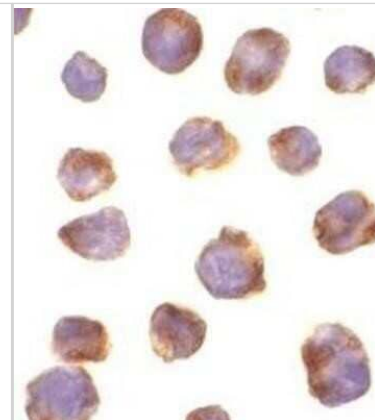
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1-4 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 10 ug/ml

Images

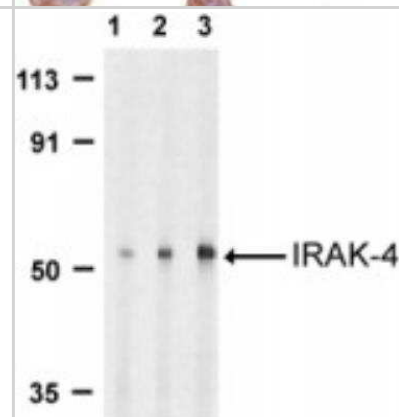
Western Blot: IRAK4 Antibody [NBP1-77231] - Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: IRAK4-NBP1-77231 (1 ug/mL), IRAK4 (1 ug/mL), beta-actin (1.5 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



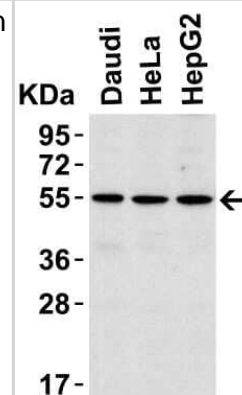
Immunocytochemistry/Immunofluorescence: IRAK4 Antibody [NBP1-77231] - Immunocytochemical staining of IRAK-4 protein in K562 cells using IRAK4 antibody at 10 ug/ml concentration and HRP conjugated secondary - DAB chromogen detection method.



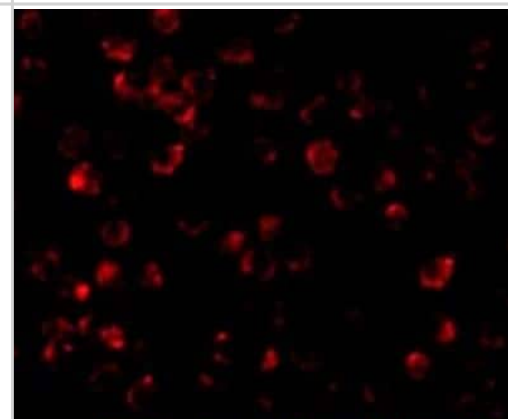
Western Blot: IRAK4 Antibody [NBP1-77231] - WB detection of IRAK4 protein in HeLa whole cell lysate using IRAK4 antibody using 1:1000 (lane 1), 1:500 (lane 2), and 1:250 (lane 3) dilutions respectively.



Western Blot: IRAK4 Antibody [NBP1-77231] - Western Blot Validation in Human Cell Lines. Loading: 15 ug/ of lysates per lane. Antibodies: IRAK4 NBP1-77231 (1 ug/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Immunocytochemistry/Immunofluorescence: IRAK4 Antibody [NBP1-77231] - ICC-IF staining of IRAK4 protein on K562 cells using IRAK4 antibody at 10 ug/mL concentration.





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Products Related to NBP1-77231

NBP1-77231PEP	IRAK4 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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