

Product Datasheet

IRAK4 Antibody (N-term) (orb1928873)

Catalog Number	orb1928873
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	IRAK4
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This IRAK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-36 amino acids from the N-terminal region of human IRAK4. Antigen Region: 5-36 aa.
UniProt ID	Q9NWZ3
MW	51530 Da
Tested applications	IHC-P, WB
Dilution range	WB - 1:1000, IHC-P - 1:50-100

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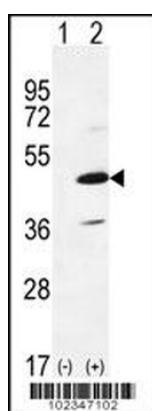
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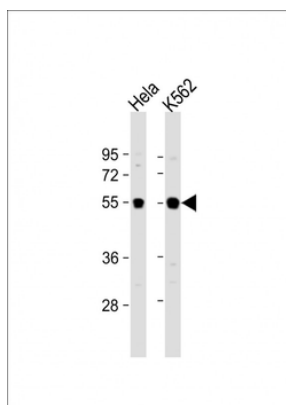
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Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001107654.1 , NP_001138729.1 , NP_057207.2 , NP_001138730.1 , NP_001138728.1
Expiration Date	12 months from date of receipt.



Western blot analysis of IRAK4 (arrow) using rabbit polyclonal IRAK4 Antibody (R20). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IRAK4 gene.



All lanes: Anti-IRAK4 Antibody (N-term) at 1:1000 dilution. Lane 1: HeLa whole cell lysate. Lane 2: K562 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 52 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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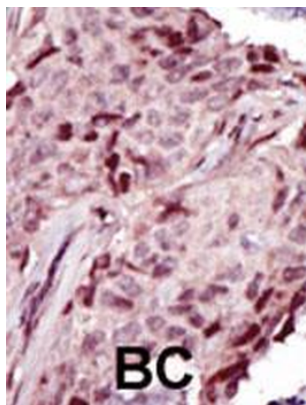
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Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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