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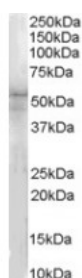**HIGH PERFORMANCE ANTIBODIES ... AND MORE**

IRAK4 Antibody

CATALOG NUMBER: 45-074

Western Blot (1ug/ml) staining of Hela lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 50kDa band observed in lysates of cell lines A431, HeLa and NIH3T3 (calculated MW of 51.5kDa according to NP_057207.1). Recommended concentration: 1-3ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1201 - HeLa Cell Lysate
IMMUNOGEN:	IRAK4 antibody was raised against a 12 amino acid synthetic peptide near the N-Terminus of IRAK4.
HOST SPECIES:	Goat

Properties

PURIFICATION:	IRAK4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	IRAK4 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	IRAK4, REN64, NY-REN-64, interleukin-1 receptor-associated kinase 4, IRAK-4 mutated form 1, interleukin-1 receptor associated kinase 4, interleukin-1 receptor associated kinase 4 mutant form 1, IPD1, IRAK-4
ACCESSION NO.:	NP_057207.1
PROTEIN GI NO.:	7705841
OFFICIAL SYMBOL:	IRAK4

GENE ID:	51135

Background

REFERENCES: 1) Lye E, Mirtsos C, Suzuki N, Suzuki S, Yeh WC. The role of interleukin 1 receptor-associated kinase-4 (IRAK-4) kinase activity in IRAK-4-mediated signaling. J Biol Chem. 2004 Sep 24;279(39):40653-8. Epub 2004 Jul 29.

FOR RESEARCH USE ONLY

December 13, 2016