

Rabbit anti-Human LOK Polyclonal Antibody | anti-LOK antibody

Anti-LOK Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258898	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

LOK; Polyclonal Antibody; Anti-LOK Antibody; Rabbit Polyclonal; serine/threonine kinase 10; Anti-PRO2729 Antibody; anti-LOK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human LOK
Purity/Purification	Protein A & Antigen Affinity
Form/Format	0.2um filtered solution in PBS
Applicable Applications for anti-LOK antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human LOK Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human LOK (rh LOK). LOK specific IgG was purified by Human LOK affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

STK10 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate Lane B: 0.5 mg HeLa Whole Cell Lysate Lane C: 0.5 mg Raji Whole Cell Lysate 4 uL anti-STK10 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-STK10 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 130 kDa Observed band size :130 kDa



WB (Western Blot)

Anti-STK10 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: A431 Whole Cell Lysate Lane D: Raji Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H&L) /Dylight 800 at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 112 kDa Observed band size: 140 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-LOK antibody	Serine/threonine-protein kinase 1, also known as Lymphocyte-oriented kinase, STK1 and LOK, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE2 subfamily. Protein kinases constitute a large superfamily of enzymes with key regulatory functions in nearly all signal transmission processes of eukaryotic cells. The Ste2 family of serine/threonine kinases plays an important role in numerous cellular functions such as growth, apoptosis, and morphogenesis. STK1 is similar to several known polo-like kinase kinases. It can associate with and phosphorylate polo-like kinase 1, and overexpression of a kinase-dead version of the protein interferes with normal cell cycle progression. STK1 can also negatively regulate interleukin 2 expression in T-cells via the mitogen activated protein kinase kinase 1 pathway. Stk1 can associate with Plk1 in cells and furthermore can phosphorylate Plk1. It can also act on substrates such as myelin basic protein and histone 2A on serine and threonine residues.
References	Kuramochi S, et al., 1997, J. Biol. Chem. 272 (36): 22679-84. Kuramochi S, et al., 1999, Immunogenetics. 49 (5): 369-75. Walter, SA. et al., J Biol Chem 2003, 278 (20):18221-8.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lok-antibody-immunoprecipitation-western-blot-elisa/258898>