

KIST (KIS) Antibody (C-term)

Catalog_no :	AB2466
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:265-295
Specificity :	This KIST (KIS) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 265-295 amino acids from the C-terminal region of human KIST (KIS).
Dilution :	WB,1:1000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Serine/threonine-protein kinase Kist, Kinase interacting with stathmin, PAM COOH-terminal interactor protein 2, P-CIP2, U2AF homology motif kinase 1, UHMK1, KIS, KIST
Isotype :	Rabbit Ig
Background :	KIST, a member of the Ser/Thr protein kinase family, is a pyruvate kinase that catalyzes formation of phosphoenolpyruvate from pyruvate and ATP. A role for the primarily nuclear KIST protein in mediation of cellular metabolism has been postulated based on the interaction identified with thyroid hormone. KIST is widely expressed, with highest abundance in skeletal muscle, kidney, placenta and peripheral blood leukocytes. Upon serum stimulation, KIST phosphorylates CDKN1B/p27Kip1, thereby regulating the subcellular location of CDKN1B and cell cycle progression in the G1 phase. KIST, which contains one RNA recognition motif domain, has been proposed to participate in trafficking and processing of RNA. KIST binds to Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells.
reference :	Bieche, I., et al., Brain Res. Mol. Brain Res. 114(1):55-64 (2003). Boehm, M., et al., EMBO J. 21(13):3390-3401 (2002). Caldwell, B.D., et al., J. Biol. Chem. 274(49):34646-34656 (1999).