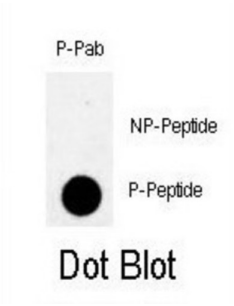
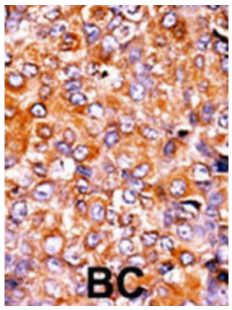
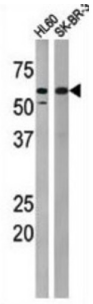
MYT1 (pT495) Antibody

Catalogue No.:abx031880







The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase preferentially phosphorylates and inactivates cell division cycle 2 protein (CDC2), and thus negatively regulates cell cycle G2/M transition. This kinase is associated with the membrane throughout the cell cycle. Its activity is highly regulated during the cell cycle. Protein kinases AKT1/PKB and PLK (Polo-like kinase) have been shown to phosphorylate and regulate the activity of this kinase. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

Target:	MYT1 (pT495)
Clonality:	Polyclonal
Target Modification:	Thr495
Modification:	Phosphorylation
Reactivity:	Human

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Tested Applications:	ELISA, WB, IHC, DB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100, DB: 1/500. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T495 of human MYT1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by protein G affinity chromatography. Then, the antibody fraction was peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q99640 (UniProt, ExPASy)
NCBI Accession:	NP_001245379.1, NP_001245380.1, NP_004194.3, NP_872629.1
KEGG:	hsa:9088
String:	9606.ENSP00000262300
Molecular Weight:	Calculated MW: 54.5 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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