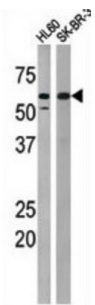
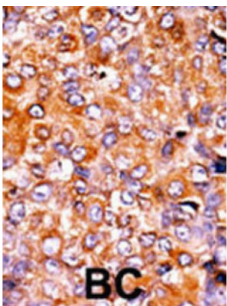
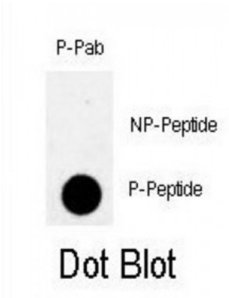


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MYT1 (pT495) Antibody

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)

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, DB

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Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human MYT1 (phospho-Thr495).

Purification: Peptide Affinity Purified Rabbit Polyclonal Antibody.

Isotype: IgG

Conjugation: Unconjugated

Specificity: This MYT1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T495 of human MYT1.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [Q99640](#)

NCBI Accession: NP_001245379.1, NP_001245380.1, NP_004194.3, NP_872629.1

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is first purified by protein G affinity chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Note: This product is for research use only.