



Rabbit Anti-phospho-RUNX3 (Ser338) antibody

SL4848R

Product Name:	phospho-RUNX3 (Ser338)
Chinese Name:	磷酸化Runx3抗体
Alias:	p-RUNX3(Ser338); RUNX 3; RUNX-3; Runt-related transcription factor 3; Core-binding factor, alpha 3 subunit; CBF-alpha 3; Acute myeloid leukemia 2 protein; OncogeneAML-2; Polyomavirus enhancer-binding protein 2 alpha C subunit; PEBP2-alpha C; PEA2-alpha C; SL3-3 enhancer factor 1 alpha C subunit; SL3/AKV core-binding factor alpha C subunit; Core-binding factor, alpha 3 subunit; CBF-alpha 3; Acute myeloid leukemia 2 protein; Oncogene AML-2; Polyomavirus enhancer-binding protein 2 alpha C subunit; PEBP2-alpha C; RUNX3_HUMAN; PEA2-alpha C; SL3-3 enhancer factor 1 alpha C subunit; SL3/AKV core-binding factor alpha C subunit.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	44kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human RUNX3 around the phosphorylation site of Ser338:TS(p-S)GS
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>RUNX3 binds to the core site of murine Leukemia virus, the core sequences in the enhancer of the polyomavirus, and also to the enhancers of the T-cell receptor genes. May be involved in the control of cellular proliferation and/or differentiation (By similarity). Heterodimer of an alpha and a beta subunit. The alpha subunit binds DNA as a monomer and through the Runt domain. DNA-binding is increased by heterodimerization. Interacts with TLE1 and SUV39H1, Subcellular location in Nucleus.</p> <p>Function: CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, lck, IL-3 and GM-CSF promoters.</p> <p>Subunit: Heterodimer of an alpha and a beta subunit. The alpha subunit binds DNA as a monomer and through the Runt domain. DNA-binding is increased by heterodimerization. Interacts with TLE1 and SUV39H1. The tyrosine phosphorylated form (via runt domain) interacts with SRC (via protein kinase domain). Interacts with FYN and LCK.</p> <p>Subcellular Location: Nucleus. Cytoplasm. The tyrosine phosphorylated form localizes to the cytoplasm.</p> <p>Post-translational modifications: Phosphorylated on tyrosine residues by SRC. Phosphorylated by LCK and FYN.</p> <p>Similarity: Contains 1 Runt domain.</p> <p>SWISS: Q13761</p> <p>Gene ID: 864</p> <p>Database links: Entrez Gene: 864Human Omim: 600210Human SwissProt: Q13761Human Unigene: 170019Human</p>

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

RUNX3基因被认为是一种新发现的抑癌基因,对胃癌细胞的生长有明显的抑制作用在胃黏膜epithelial cells调控、对脊神经节的神经发育和TCell differentiation中都发挥重要作用。

随着研究的不断深入, Runx3蛋白有望成为胃癌诊断的一个新型生物学Marker和基因治疗靶点。

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