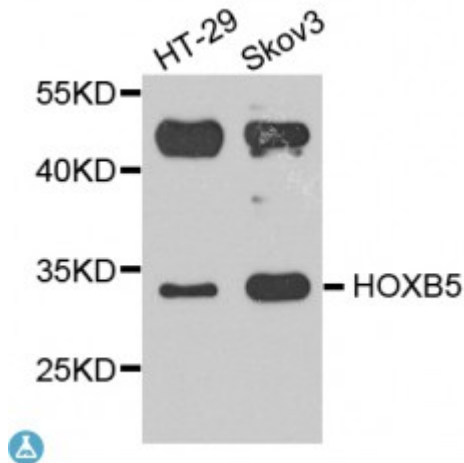


Anti-HOXB5 Antibody



Description

This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue.

Model	STJ117848
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human HOXB5 (NP_002138.1).
Gene ID	3215
Gene Symbol	HOXB5
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Tissue Specificity	Spinal cord
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Homeobox protein Hox-B5 Homeobox protein HHO.C10 Homeobox protein

	Hox-2A Homeobox protein Hu-1
Molecular Weight	29.434 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5116OMIM:142960
Alternative Names	Homeobox protein Hox-B5 Homeobox protein HHO.C10 Homeobox protein Hox-2A Homeobox protein Hu-1
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis
Cellular Localization	Nucleus

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