ARG41505
anti-HOXB9 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXB9
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXB9
Species	Human
Immunogen	Synthetic peptide of Human HOXB9.
Conjugation	Un-conjugated
Alternate Names	HOX2; Homeobox protein Hox-2.5; HOX2E; Homeobox protein Hox-2E; Homeobox protein Hox-B9; HOX-2.5

Application Instructions

Application table

Application	Dilution
IP	1:50
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	MCF7
Observed Size	~ 27 kDa

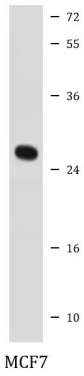
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HOXB9
Gene Full Name	homeobox B9
Background	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	28 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG41505 anti-HOXB9 antibody WB image

Western blot: MCF7 cell lysate stained with ARG41505 anti-HOXB9 antibody.