

HOXB6 Antibody

Catalog No: #43686



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

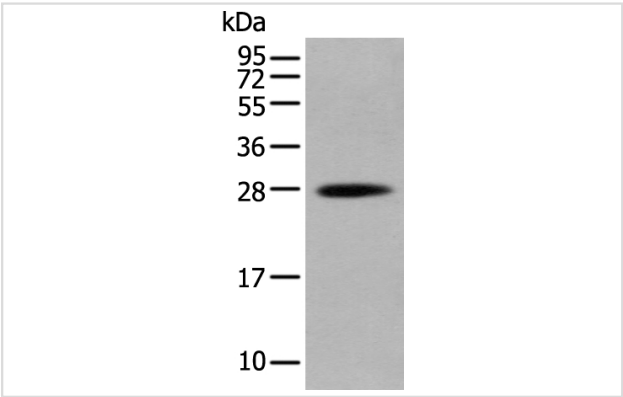
Product Name	HOXB6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HOXB6 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HOXB6
Target Name	HOXB6
Other Names	HOX2; HU-2; HOX2B; Hox-2.2
Accession No.	Swiss-Prot#: P17509NCBI Gene ID: 3216
Uniprot	P17509
GeneID	3216;
Calculated MW	25kd
Concentration	0.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

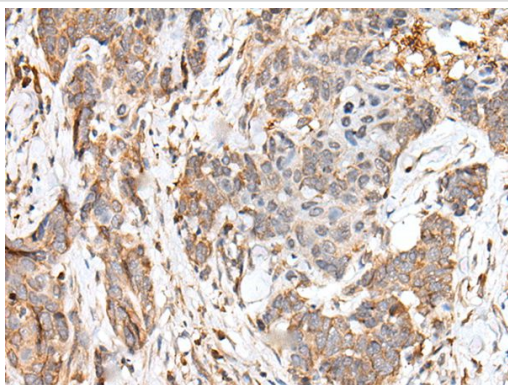
Western blotting: 1:200-1000

Immunohistochemistry: 1: 20-100

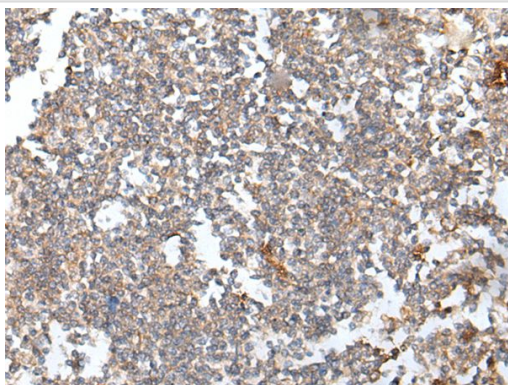
Images



Gel: 12%SDS-PAGE
Lysate: 40 µg, Lane: Human lung tissue,
Primary antibody:HOXB6 antibody at dilution 1/200 dilution,
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 25 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using HOXB6 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using HOXB6 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene is a member of the Antp 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 protein functions as a sequence-specific transcription factor that is involved in development, including that of lung and skin, and has been localized to both the nucleus and cytoplasm. Altered expression of this gene or a change in the subcellular localization of its protein is associated with some cases of acute myeloid leukemia and colorectal cancer.

Note: This product is for in vitro research use only