

## ALX3 Polyclonal Antibody

<b>Catalog No :</b>	YT0207
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	ALX3
<b>Gene Name :</b>	ALX3
<b>Protein Name :</b>	Homeobox protein aristaless-like 3
<b>Human Gene Id :</b>	257
<b>Human Swiss Prot No :</b>	O95076
<b>Mouse Gene Id :</b>	11694
<b>Mouse Swiss Prot No :</b>	O70137
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ALX3. AA range:171-220
<b>Specificity :</b>	ALX3 Polyclonal Antibody detects endogenous levels of ALX3 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 36kD

**Background :** This gene encodes a nuclear protein with a homeobox DNA-binding domain that functions as a transcriptional regulator involved in cell-type differentiation and development. Preferential methylation of this gene's promoter is associated with advanced-stage neuroblastoma tumors. [provided by RefSeq, Jul 2008],

**Function :** function:Transcriptional regulator with a possible role in patterning of mesoderm during development.,similarity:Belongs to the paired homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,

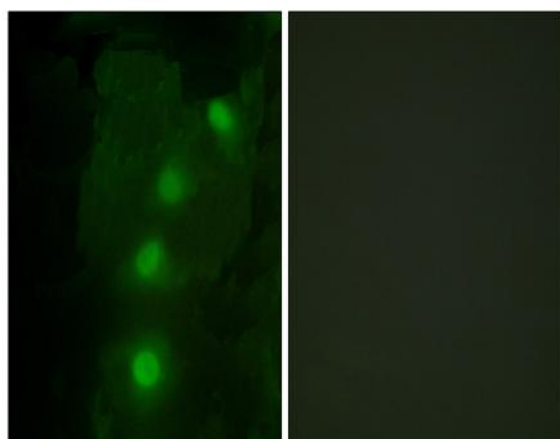
**Subcellular Location :** Nucleus .

**Expression :** Brain,Neuroblastoma,

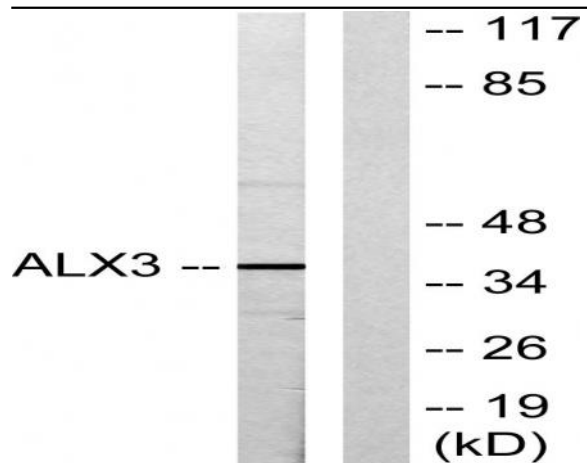
## Products Images



Western Blot analysis of various cells using ALX3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunofluorescence analysis of HeLa cells, using ALX3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, using ALX3 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).