

## Pitx1 Polyclonal Antibody

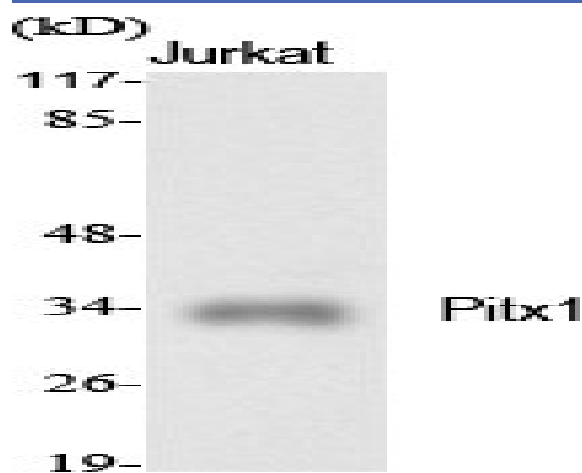
<b>Catalog No :</b>	YT3740
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Pitx1
<b>Gene Name :</b>	PITX1
<b>Protein Name :</b>	Pituitary homeobox 1
<b>Human Gene Id :</b>	5307
<b>Human Swiss Prot No :</b>	P78337
<b>Mouse Gene Id :</b>	18740
<b>Mouse Swiss Prot No :</b>	P70314
<b>Rat Gene Id :</b>	113983
<b>Rat Swiss Prot No :</b>	Q99NA7
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human PITX1. AA range:121-170
<b>Specificity :</b>	Pitx1 Polyclonal Antibody detects endogenous levels of Pitx1 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. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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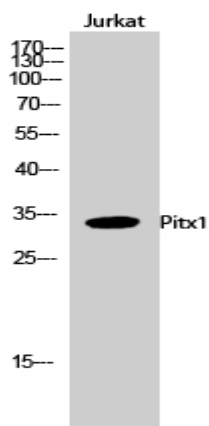
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	34kD
<b>Background :</b>	This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family are involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. [provided by RefSeq, Jul 2008],
<b>Function :</b>	function:May play a role in the development of anterior structures, and in particular, the brain and facies and in specifying the identity or structure of hindlimb.,similarity:Belongs to the paired homeobox family. Bicoid subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 OAR domain.,
<b>Subcellular Location :</b>	Nucleus.
<b>Expression :</b>	Embryo,Epithelium,Pancreas,Placenta,

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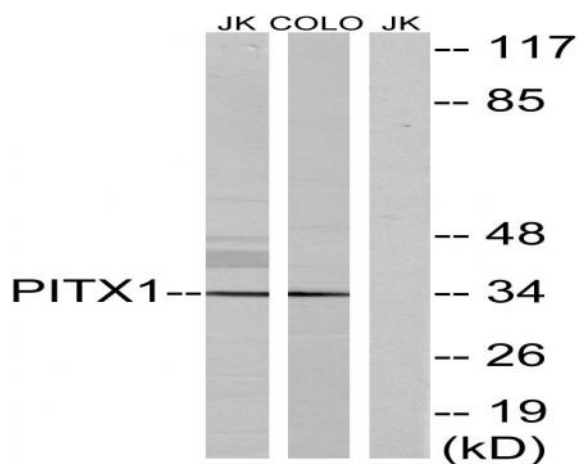
## Products Images



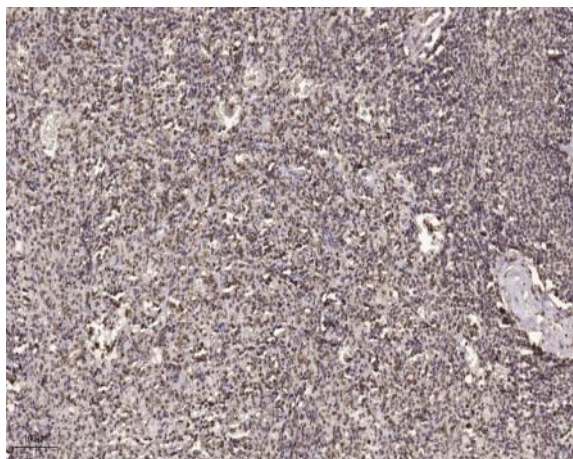
Western Blot analysis of various cells using Pitx1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotech, MN, USA).



Western Blot analysis of Jurkat cells using Pitx1 Polyclonal Antibody cells nucleus extracted by Minute™ Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotec, MN, USA).



Western blot analysis of lysates from Jurkat and COLO cells, using PITX1 Antibody. The lane on the right is blocked with the synthesized peptide.



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