

## Nkx-6.1 Polyclonal Antibody

<b>Catalog No :</b>	YT3143
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Nkx-6.1
<b>Fields :</b>	>>Maturity onset diabetes of the young
<b>Gene Name :</b>	NKX6-1
<b>Protein Name :</b>	Homeobox protein Nkx-6.1
<b>Human Gene Id :</b>	4825
<b>Human Swiss Prot No :</b>	P78426
<b>Mouse Gene Id :</b>	18096
<b>Mouse Swiss Prot No :</b>	Q99MA9
<b>Rat Gene Id :</b>	65193
<b>Rat Swiss Prot No :</b>	O35762
<b>Immunogen :</b>	Synthesized peptide derived from Nkx-6.1 . at AA range: 180-260
<b>Specificity :</b>	Nkx-6.1 Polyclonal Antibody detects endogenous levels of Nkx-6.1 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. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration :** 1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year (Do not lower than -25°C)

**Molecularweight :** 38kD

**Cell Pathway :** Maturity onset diabetes of the young;

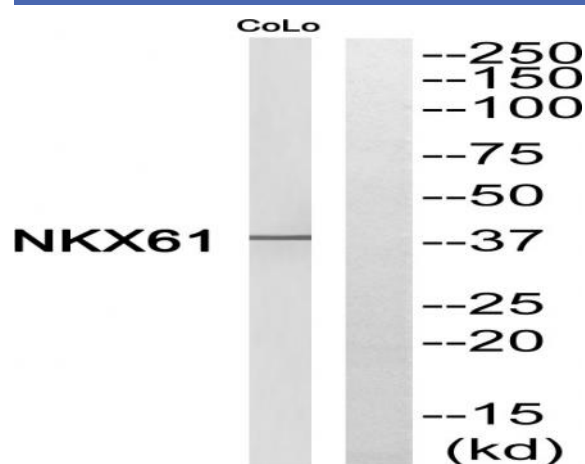
**Background :** In the pancreas, NKX6.1 is required for the development of beta cells and is a potent bifunctional transcription regulator that binds to AT-rich sequences within the promoter region of target genes Iype et al. (2004) [PubMed 15056733]. [supplied by OMIM, Mar 2008],

**Function :** function: May be important for control of islet development and/or regulation of insulin biosynthesis., similarity: Contains 1 homeobox DNA-binding domain., tissue specificity: Pancreatic beta cells.,

**Subcellular Location :** Nucleus .

**Expression :** Pancreatic beta cells.

## Products Images



Western blot analysis of NKX61 Antibody. The lane on the right is blocked with the NKX61 peptide.