

(Mouse) Pdx1 Antibody (Center)

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| Catalog_no : | AB3156 |
| Reactivity : | M |
| Category : | 抗原抗体 |
| Size : | 100 μ L/50 μ L |
| Immunogen : | HUMAN |
| Specificity : | This Mouse Pdx1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 136-169 amino acids from the Central region of Mouse Pdx1. |
| Dilution : | IF,1:25;WB,1:1000; |
| Other_name : | Pancreas/duodenum homeobox protein 1, Insulin promoter factor 1, IPF-1, Islet/duodenum homeobox 1, IDX-1, Somatostatin-transactivating factor 1, STF-1, Pdx1, Ipf1 |
| Isotype : | Rabbit Ig |
| Background : | Activates insulin and somatostatin gene transcription. Key regulator of islet peptide hormone expression but also responsible for the development of the pancreas, most probably by determining maturation and differentiation of common pancreatic precursor cells in the developing gut. As part of a PDX1:PBX1b:MEIS2b complex in pancreatic acinar cells is involved in the transcriptional activation of the ELA1 enhancer; the complex binds to the enhancer B element and cooperates with the transcription factor 1 complex (PTF1) bound to the enhancer A element. Binds the DNA sequence 5'-CC[CT]TAATGGG-3'. |
| reference : | Ohlsson H.,et al.EMBO J. 12:4251-4259(1993). Carninci P.,et al.Science 309:1559-1563(2005). Swift G.H.,et al.Mol. Cell. Biol. 18:5109-5120(1998). Liu Y.,et al.J. Biol. Chem. 276:17985-17993(2001). Liu A.,et al.Mol. Cell. Biol. 24:4372-4383(2004). |