Pituitary homeobox 2 (PITX2) Rabbit pAb

货号: B13021

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Rattus norvegicus
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	30kDa/35kDa
实测分子量	35KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,NCI-H460,HeLa,Mouse brain,Rat brain
细胞定位	Nucleus
纯化	Affinity purification

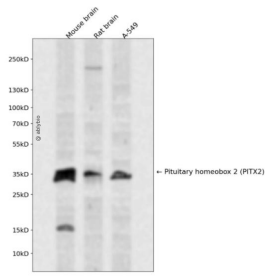
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Pituitary homeobox 2 (PITX2) (NP_000316.2).
序列	MNCMKGPLHLEHRAAGTKLSAVSSSSCHHPQPLAMASVLAPGQPRSLDSSKHRLEVHTISDTSSPEAAEKDKSQQGKNEDVGAEDPSKKKRQRRQRTHFT

靶点信息

研究背景	This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodo main proteins. The encoded protein acts as a transcription factor and regulates procollagen lysyl hydroxy lase gene expression. This protein plays a role in the terminal differentiation of somatotroph and lactotrop h cell phenotypes, is involved in the development of the eye, tooth and abdominal organs, and acts as a t ranscriptional regulator involved in basal and hormone-regulated activity of prolactin. Mutations in this ge ne are associated with Axenfeld-Rieger syndrome, iridogoniodysgenesis syndrome, and sporadic cases of Peters anomaly. A similar protein in other vertebrates is involved in the determination of left-right asymm etry during development. Alternatively spliced transcript variants encoding distinct isoforms have been d escribed.
基因**ID**	5308
基因名	PITX2
Swiss	Q99697
别名	PITX2;ARP1;ASGD4;Brx1;IDG2;IGDS;IGDS2;IHG2;IRID2;Otlx2;PTX2;RGS;RIEG;RIEG1;RS

产品验证



Western blot analysis of Pituitary homeobox 2 (PITX2) expressed in Mouse brain,Rat brain,A-549 using Pituitary homeobox 2 (PITX2) Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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