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Pituitary homeobox 2 (PITX2) Rabbit pAb

货号: **AYP13021**

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°C. 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

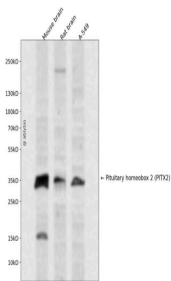
抗原信息

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).
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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 homeodomain proteins. The encoded protein acts as a transcription factor and regulates procollagen lysyl hydroxylase gene expression. This protein plays a role in the terminal differentiation of somatotroph and lactotroph cell phenotypes, is involved in the development of the eye, tooth and abdominal organs, and acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. Mutations in this gene 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 asymmetry during development. Alternatively spliced transcript variants encoding distinct isoforms have been described.
基因ID	5308
基因名	PITX2
Swiss	Q99697 (https://www.uniprot.org/uniprotkb/Q99697/entry)
别名	PITX2,ARP1,ASGD4,Brx1,IDG2,IGDS,IGDS2,IHG2,IRID2,Otlx2,PTX2,RGS,RIEG,RIEG1,RS,Pituitary homeobox 2 (PITX2) Rabbit pAb,ALL1-responsive protein ARP1,Homeobox protein PITX2,Paired-like homeodomain transcription factor 2,RIEG bicoid-related homeobox transcription factor,Solurshin

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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