产品名称：FoxL2 (phospho Ser263) Rabbit Polyclonal Antibody
产品货号：APRab04691

产品概述（Summary）

产品名称（Production Name）	FoxL2 (phospho Ser263) Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,ELISA
种属反应性（Reactivity）	Human,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Phosphorylated
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	FOXL2
别名（Alternative Names）	FOXL2; Forkhead box protein L2
基因 ID（Gene ID）	668.0
蛋白 ID（SwissProt ID）	P58012.The antiserum was produced against synthesized peptide derived from human FOXL2 around the phosphorylation site of Ser263. AA range:229-278

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量（Molecular Weight）	40kDa

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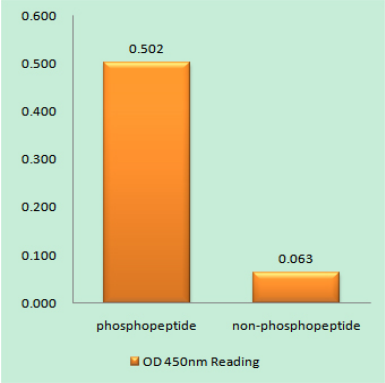
研究背景（Background）

This gene encodes a forkhead transcription factor. The protein contains a fork-head DNA-binding domain and may play a role in ovarian development and function. Expansion of a polyalanine repeat region and other mutations in this gene are a cause of blepharophimosis syndrome and premature ovarian failure 3. [provided by RefSeq, Jul 2016],disease:Defects in FOXL2 are a cause of blepharophimosis, ptosis, and epicanthus inversus syndrome (BPES) [MIM:110100]; also known as blepharophimosis syndrome. It is an autosomal dominant disorder characterized by eyelid dysplasia, small palpebral fissures, drooping eyelids and a skin fold running inward and upward from the lower lid. In type I BPSE (BPES1) eyelid abnormalities are associated with female infertility. Affected females show an ovarian deficit due to primary amenorrhea or to premature ovarian failure (POF). In type II BPSE (BPES2) affected individuals show only the eyelid defects. There is a mutational hotspot in the region coding for the poly-Ala domain, since 30% of all mutations in the ORF lead to poly-Ala expansions, resulting mainly in BPES type II.,disease:Defects in FOXL2 are a cause of premature ovarian failure 3 (POF3) [MIM:608996]. Premature ovarian failure (POF) is a defect of ovarian development and is characterized by hypoestrogenism, primary or secondary amenorrhea, with elevated levels of serum gonadotropins, or by early menopause. POF is defined as the cessation of ovarian function under the age of 40 years.,function:Probable transcriptional regulator.,similarity:Contains 1 fork-head DNA-binding domain.,tissue specificity:In addition to its expression in the developing eyelid, it is transcribed very early in somatic cells of the developing gonad (before sex determination) and its expression persists in the follicular cells of the adult ovary.,

研究领域（Research Area）

图片（Image Data）



Enzyme-Linked Immunosorbent Assay （Phospho-ELISA） for Immunogen Phosphopeptide （Phospho-left） and Non-Phosphopeptide （Phospho-right）, using FOXL2 （Phospho-Ser263） Antibody

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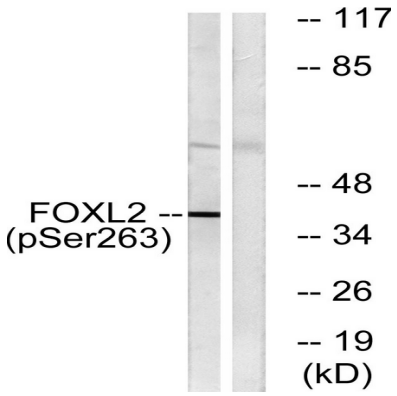

Western blot analysis of lysates from K562 cells treated with Na3VO4 0.3mM 40 ', using FOXL2 (Phospho-Ser263) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项（Note）

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