

# Phospho-Estrogen Receptor alpha (S118) Rabbit mAb

货号: **AYM29510**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	<a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	35kDa/47kDa/53kDa/66kDa
实测分子量	66kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7
细胞定位	Cell membrane,Cytoplasm,Cytoplasmic side,Cytoplasmic side,Golgi apparatus,Nucleus,Peripheral membrane protein,Single-pass type I membrane protein
纯化	Affinity purification

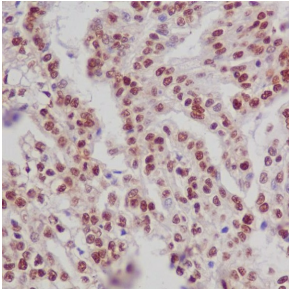
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Estrogen Receptor alpha (S118).
序列	QLSPF

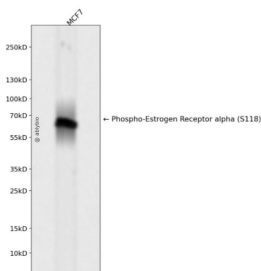
## 靶点信息

研究背景	This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative promoter usage and alternative splicing result in dozens of transcript variants, but the full-length nature of many of these variants has not been determined.
基因ID	2099
基因名	ESR1
Swiss	P03372
别名	ESR1;ER;ESR;ESRA;ESTRR;Era;NR3A1;ER alpha

## 产品验证



Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-ER alpha (S118) Antibody.



Western blot analysis of Phospho-Estrogen Receptor alpha (S118) expressed in MCF7 using Phospho-Estrogen Receptor alpha (S118) Rabbit mAb 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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