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Phospho-ATF4-S245 Rabbit pAb

货号: AYP13008

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Oryza sativa
应用	WB IHC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF :** 1:50 - 1:200
理论分子量	38kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	Cell membrane,Cytoplasm,Nucleus,centrosome,cytoskeleton,microtubule organizing center
纯化	Affinity purification

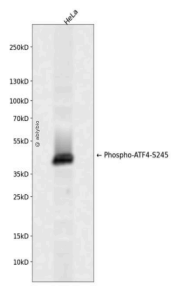
抗原信息

抗原信息	A phospho specific peptide corresponding to residues surrounding S245 of human ATF4

靶点信息

研究背景	This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encode d protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP-1 famil y of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative tran scripts encoding the same protein have been described. Two pseudogenes are located on the X chromoso me at q28 in a region containing a large inverted duplication.
基因ID	468
基因名	ATF4
Swiss	P18848 (https://www.uniprot.org/uniprotkb/P18848/entry)
别名	ATF4,CREB-2,CREB2,TAXREB67,TXREB,Phospho-ATF4-S245 Rabbit pAb,Activating transcription factor 4,Cy clic AMP-responsive element-binding protein 2,Tax-responsive enhancer element-binding protein 67

产品验证



Western blot analysis of Phospho-ATF4-S245 expressed in HeLa using Phospho-ATF4-S245 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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