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HER4 (Phospho Tyr1284) Rabbit mAb

货号: AAY2027

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF IP ELISA
推荐浓度	**WB:** 1:1000-1:3000 **IF:** 1:100-1:800 **ELISA:** 1:5000-1:20000 **IP:** 1:50-1:200
理论分子量	147kD
实测分子量	180kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.1029.
偶联物	Unconjugated
阳性对照	SK-BR-3,Mouse lung
细胞定位	Cell membrane, Cell projection, ruffle membrane, Early endosome, Cytoplasm, perinuclear region, Nucleus
纯化	亲和纯化

抗原信息

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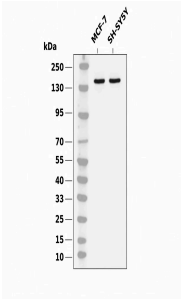
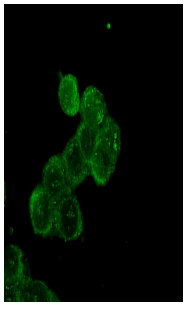
靶点信息

研究背景	This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized.
基因ID	2064
基因名	ERBB2 HER2 ERBB4 HER4
Swiss	P04626 (https://www.uniprot.org/uniprotkb/P04626/entry)
别名	ERBB2 HER2 ERBB4 HER4;Receptor tyrosine-protein kinase erbB-2/Receptor tyrosine-protein kinase erbB-4;ERBB2;HER2;MLN19;NEU;NGL;Receptor tyrosine-protein kinase erbB-2;Metastatic lymph node gene 19 protein;MLN 19;Proto-oncogene Neu;Proto-oncogene c-ErbB-2;Tyrosine kinase-type cell surface receptor HER2;p185erbB2;CD340;ERBB4;HER4;Receptor tyrosine-protein kinase erbB-4;Proto-oncogene-like protein c-ErbB-4;Tyrosine kinase-type cell surface receptor HER4;p180erbB4

产品验证



Western blot analysis of extracts from MCF-7,SH-SY5Ycells using HER4 (Phospho Tyr1284) at 1:1000.



Immunofluorescence analysis of Neuro-2a cells labelling HER4 (Phospho Tyr1284) with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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