

产品名称: BCAR3 Rabbit Polyclonal Antibody
产品货号: APRab07487



产品概述 (Summary)

产品名称 (Production Name)	BCAR3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	BCAR3
别名 (Alternative Names)	BCAR3; NSP2; SH2D3B; Breast cancer anti-estrogen resistance protein 3; Novel SH2-containing protein 2; SH2 domain-containing protein 3B
基因 ID (Gene ID)	8412.0
蛋白 ID (SwissProt ID)	O75815.The antiserum was produced against synthesized peptide derived from human BCAR3. AA range:761-810

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	92kDa

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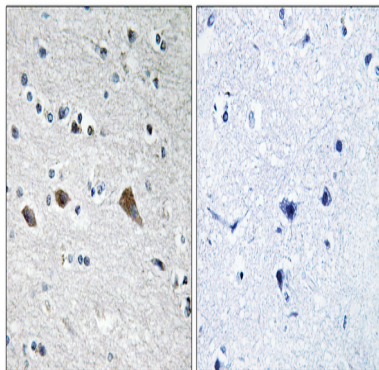


研究背景 (Background)

breast cancer anti-estrogen resistance 3(BCAR3) Homo sapiens Breast tumors are initially dependent on estrogens for growth and progression and can be inhibited by anti-estrogens such as tamoxifen. However, breast cancers progress to become anti-estrogen resistant. Breast cancer anti-estrogen resistance gene 3 was identified in the search for genes involved in the development of estrogen resistance. The gene encodes a component of intracellular signal transduction that causes estrogen-independent proliferation in human breast cancer cells. The protein contains a putative src homology 2 (SH2) domain, a hall mark of cellular tyrosine kinase signaling molecules, and is partly homologous to the cell division cycle protein CDC48. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012],function:May act as an adapter protein and couple activated growth factor receptors to a signaling pathway that regulates the proliferation in breast cancer cells. When overexpressed, it confers anti-estrogen resistance in breast cancer cell lines. May also be regulated by cellular adhesion to extracellular matrix proteins.,PTM:Phosphorylated on tyrosine.,similarity:Contains 1 Ras-GEF domain.,similarity:Contains 1 SH2 domain.,subunit:Interacts with BCAR1, NEDD9, PTK2 and PTPN1.,tissue specificity:Ubiquitously expressed. Found in several cancer cell lines, but not in nonmalignant breast tissue.,

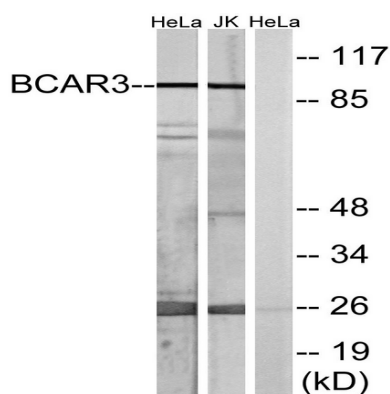
研究领域 (Research Area)

图片 (Image Data)

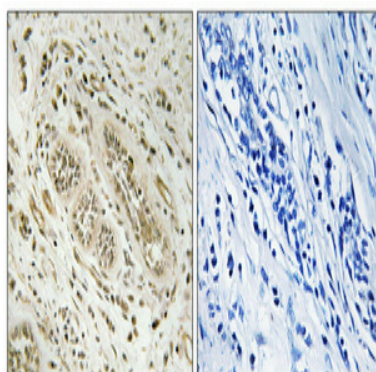


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using BCAR3 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HeLa and Jurkat cells, using BCAR3 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .