

产品名称: NBPF1/9/10/12/14/15/16/20 Rabbit Polyclonal
Antibody
产品货号: APRab14424



产品概述 (Summary)

产品名称 (Production Name)	NBPF1/9/10/12/14/15/16/20 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)	NBPF12 NBPF12; COAS1; KIAA1245; Neuroblastoma breakpoint family member 12;
别名 (Alternative Names)	Chromosome 1 amplified sequence 1; NBPF10; Neuroblastoma breakpoint family member 10; NBPF16; Neuroblastoma breakpoint family member 16; NBPF1; KIAA1693; Neuroblastoma brea
基因 ID (Gene ID)	55672/400818/284565/25832
蛋白 ID (SwissProt ID)	Q5TAG4/Q6P3W6/Q5SXJ2/Q3BBV0/Q3BBW0/Q3BBV1/Q8N660/Q5TI25.The antiserum was produced against synthesized peptide derived from human NBPF1/9/10/12/14/15/16/20. AA range:121-150

产品应用 (Application)

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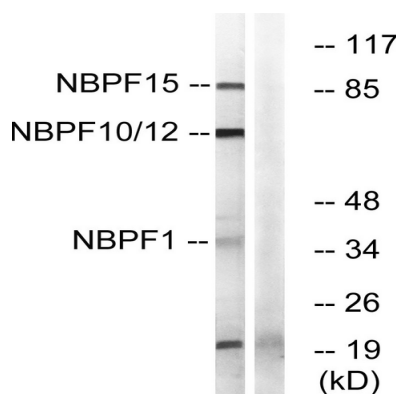
稀释比 (Dilution Ratio) WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight) 36kDa

研究背景 (Background)

This gene is a member of the neuroblastoma breakpoint family (NBPF) which consists of dozens of recently duplicated genes primarily located in segmental duplications on human chromosome 1. This gene family has experienced its greatest expansion within the human lineage and has expanded, to a lesser extent, among primates in general. Members of this gene family are characterized by tandemly repeated copies of DUF1220 protein domains. Gene copy number variations in the human chromosomal region 1q21.1, where most DUF1220 domains are located, have been implicated in a number of developmental and neurogenetic diseases such as microcephaly, macrocephaly, autism, schizophrenia, mental retardation, congenital heart disease, neuroblastoma, and congenital kidney and urinary tract anomalies. Altered expression of some gene family members is associated with several types of cancer. This miscellaneous: Encoded by one of the numerous copies of NBPF genes clustered in the p36, p12 and q21 region of the chromosome 1., similarity: Belongs to the NBPF family., similarity: Contains 10 NBPF domains., similarity: Contains 2 NBPF domains., similarity: Contains 3 NBPF domains., similarity: Contains 6 NBPF domains., similarity: Contains 7 NBPF domains., similarity: Contains 8 NBPF domains., tissue specificity: Expressed in a neuroblastoma cell line., tissue specificity: Expressed in spinal cord., tissue specificity: Expressed in spleen and fetal liver., tissue specificity: Expressed in the mammary gland., tissue specificity: Ubiquitously expressed with a higher expression observed in breast and liver. Also expressed in neuroblastoma cell line., tissue specificity: Widely expressed. The only tissue which shows a weak expression is kidney.,

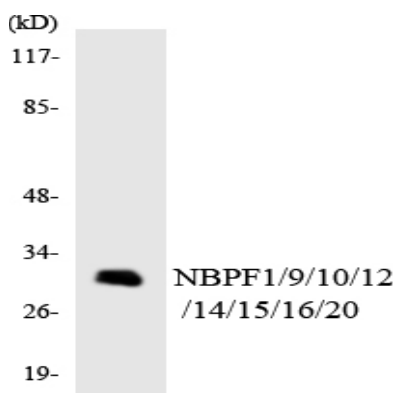
研究领域 (Research Area)

图片 (Image Data)

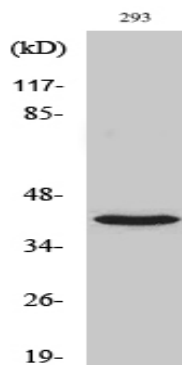


Western blot analysis of lysates from 293, HepG2, Jurkat, and COLO cells, using NBPF1/9/10/12/14/15/16/20 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HT-29 cells using NBPF1/9/10/12/14/15/16/20 antibody.



Western Blot analysis of various cells using NBPF1/9/10/12/14/15/16/20 Polyclonal Antibody

注意事项 (Note)

For research use only .