NBPF-pan Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NBPF-pan, Polyclonal Antibody
Full Product Name	NBPF-pan Antibody
Product Gene Name	anti-NBPF-pan antibody
Product Synonym Gene Name	NBPF12
Product Synonym Names	NBPF12; COAS1; KIAA1245; Neuroblastoma breakpoint family member 12; Chromosome 1 amplified sequence 1; NBPF10; Neuroblastoma breakpoint family member 10; NBPF16; Neuroblastoma breakpoint family member 16; NBPF1; KIAA1693; Neuroblastoma breakpoint family member 1; NBPF9; Neuroblastoma breakpoint family member 9; NBPF20; Neuroblastoma breakpoint family member 20; NBPF15; Neuroblastoma breakpoint family member 15; NBPF14; Neuroblastoma breakpoint family member 14
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of NBPF-pan protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	31,307 Da
OMIM	608607
3D Structure	ModBase 3D Structure for Q5TAG4
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NBPF-pan. The exact sequence is proprietary.
Product Categories/Family for anti-NBPF-pan antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NBPF-pan antibody	Western Blot (WB)
Application Notes for anti-NBPF-pan antibody	WB: 1:500-1:1000
Related Product Information for anti-NBPF-pan antibody	MBS8581508 is an antibody targeting NBPF-pan. Also known as NBPF-pan Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to NBPF-pan
Other Notes	Small volumes of anti-NBPF-pan antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NBPF-pan. It may not necessarily be applicable to this product.

NCBI GI #	152123241
NCBI GeneID	55672
NCBI Accession #	Q5TAG4.2
UniProt Primary Accession #	Q5TAG4
UniProt Secondary Accession #	Q6P3W6; Q5SXJ2; Q3BBV0; Q3BBW0; Q3BBV1; Q8N660; Q5TI25
UniProt Related Accession #	Q3BBV0
NCBI Official Full Name	Neuroblastoma breakpoint family member 12
NCBI Official Synonym Full Names	neuroblastoma breakpoint family, member 1
NCBI Official Symbol	NBPF1
NCBI Official Synonym Symbols	AD2; NBG; AB13; AB14; AB23; NBPF
UniProt Protein Name	Neuroblastoma breakpoint family member 12
UniProt Synonym Protein Names	Chromosome 1 amplified sequence 1
UniProt Gene Name	NBPF12
UniProt Synonym Gene Names	COAS1; KIAA1245
UniProt Entry Name	NBPFC_HUMAN
NCBI Protein Information	neuroblastoma breakpoint family member 1
NCBI Summary for NBPF-pan	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 gene family contains numerous pseudogenes. [provided by RefSeq, Apr 2013]
UniProt Comments for NBPF-pan	NBPF12: Belongs to the NBPF family. Chromosomal Location of Human Ortholog: 1q21 Cellular Component: cytoplasm
Research Articles on NBPF-pan	**1.** Chibby and clusterin were co-immunoprecipitated with NBPF1.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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