10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-NBPF-pan Antibody

Catalog # AP53738

Product Information

Application	WB, IHC
Primary Accession	Q5TAG4
Other Accession	Q6P3W6, Q5SXJ2, Q3BBV0, Q3BBW0, Q3BBV1, Q8N660, Q5TI25
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	167689

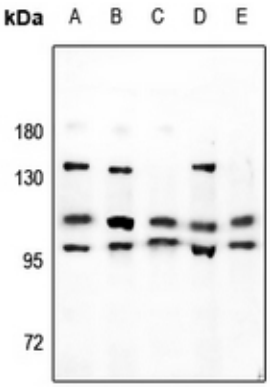
Additional Information

Gene ID	149013
Other 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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NBPF-pan. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

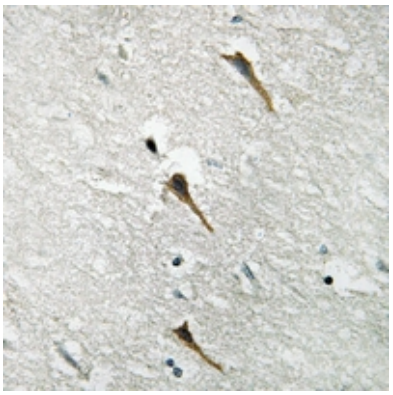
Protein Information

Name	NBPF12 (HGNC:24297)
Synonyms	COAS1, KIAA1245
Cellular Location	Cytoplasm.
Tissue Location	Widely expressed with highest levels in brain, ovary, mammary gland, skin and adipose tissue. Also expressed in testis. Detected in a number of tumors including osteosarcoma, mammary carcinoma and hepatocellular carcinoma.

Images



Western blot analysis of NBPF-pan expression in MCF7 (A), HepG2 (B), U87MG (C), rat brain (D), mouse brain (E) whole cell lysates. (Predicted band size: 167; 435; 139 kD; Observed band size: 99; 108; 139 kD)



Immunohistochemical analysis of NBPF-pan staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.