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**Anti-Human NBPF1/9/10/12/14/15/16/20 Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA05227**

3th Edition

**Description:** NBPF1 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. An important paralog of this gene is NBPF12. NBPF12 (NBPF Member 12) is a Protein Coding gene. Diseases associated with NBPF12 include Neuroblastoma. An important paralog of this gene is NBPF26.

**Antigen:** Synthesized peptide derived from the C-terminal region of human NBPF1/9/10/12/14/15/16/20

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**