

**Anti-Human ANKHD1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA08791**

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3th Edition

**Description:** This gene encodes a protein with multiple ankyrin repeat domains and a single KH-domain. The protein is thought to function as a scaffolding protein, and it may be involved in the regulation of caspases and thereby play an antiapoptotic role in cell survival. Alternative splicing results in multiple transcript variants, one of which generates a fusion transcript (MASK-BP3) with the downstream eIF4E-binding protein 3 (EIF4EBP3) gene, resulting in a protein comprised of the ANKHD1 sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments.

**Antigen:** Recombinant protein of human ANKHD1

**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:** Ubiquitous with high expression in cervix, spleen and brain. Expressed in hematopoietic cells with increased expression in leukemia cells. Isoform 2 is highly expressed in spleen with almost no expression in muscle and brain.