

## Datasheet

### SEPT6 polyclonal antibody

**Catalog Number:** PAB14390

**Regulation Status:** For research use only (RUO)

**Product Description:** Goat polyclonal antibody raised against synthetic peptide of SEPT6.

**Immunogen:** A synthetic peptide corresponding to human SEPT6.

**Sequence:** C-DEVNAFKQRKTA

**Host:** Goat

**Theoretical MW (kDa):** 48.9, 49.7, 49.2

**Reactivity:** Human

**Applications:** ELISA, IHC-P, WB-Ti

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Approx 50 KDa band observed in human testis, thyroid gland and MOLT 4 cell lysates (calculated MW of 49.7 KDa according to NP\_055944.2).

**Form:** Liquid

**Purification:** Antigen affinity purification

**Concentration:** 0.5 mg/mL

**Recommend Usage:** Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)(3-5 ug/mL)

ELISA (1:4000)

Western Blot (0.03-1 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 23157

**Gene Symbol:** SEPT6

**Gene Alias:** KIAA0128, MGC16619, MGC20339, SEP2, SEPT2

**Gene Summary:** This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined. [provided by RefSeq]

#### References:

1. Septins regulate actin organization and cell-cycle arrest through nuclear accumulation of NCK mediated by SOCS7. Kremer BE, Adang LA, Macara IG. Cell. 2007 Sep 7;130(5):837-50.