# **ANK3 Polyclonal Antibody**

Catalog Number: E-AB-13058



Note: Centrifuge before opening to ensure complete recovery of vial contents.

## **Description**

**Reactivity** Human

**Immunogen** Synthetic peptide of human ANK3

Host Rabbit
Isotype IgG

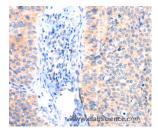
Purification Affinity purification
Conjugation Unconjugated

**Formulation** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Applications** Recommended Dilution

**IHC** 1:25-1:100

### Data



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ANK3 Polyclonal Antibody at dilution 1:50

# Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## **Background**

Ankyrins are a family of proteins that are believed to link the integral membrane proteins to the underlying spectrin-actin cytoskeleton and play key roles in activities such as cell motility, activation, proliferation, contact, and the maintenance of specialized membrane domains. Multiple isoforms of ankyrin with different affinities for various target proteins are expressed in a tissue-specific, developmentally regulated manner. Most ankyrins are typically composed of three structural domains: an amino-terminal domain containing multiple ankyrin repeats; a central region with a highly conserved spectrin binding domain; and a carboxy-terminal regulatory domain which is the least conserved and subject to variation. Ankyrin 3 is an immunologically distinct gene product from ankyrins 1 and 2, and was originally found at the axonal initial segment and nodes of Ranvier of neurons in the central and peripheral nervous systems. Multiple transcript variants encoding different isoforms have been found for this gene.

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