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

# MLLT4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10119

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | P55196 |
| **Other Accession** | P55196, EAW47480, NM_001040000 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast |
| **Predicted** | Human, Mouse, Rat, Zebrafish, Chicken, Dog, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 206804 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 4301 |
| **Alias Symbol** | RP3-470B24.4, AF-6, AF6, AFADIN, FLJ34371, RP3-431P23.3 |
| **Other Names** | Afadin, ALL1-fused gene from chromosome 6 protein, Protein AF-6, MLLT4, AF6 |
| **Target/Specificity** | AF6 is a Ras target that regulates cell-cell adhesions downstream of Ras activation. It is fused with MLL in leukemias caused by t(6, 11) translocations. |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 100 ul of distilled water. Final anti-MLLT4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | MLLT4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

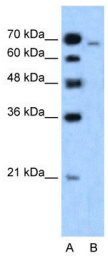
| | |
|---|---|
| **Name** | AFDN ( HGNC:7137) |
| **Synonyms** | AF6, MLLT4 |
| **Function** | Belongs to an adhesion system, probably together with the E-cadherin-catenin system, which plays a role in the organization of homotypic, interneuronal and heterotypic cell-cell adherens junctions (AJs) (By similarity). Nectin- and actin-filament-binding protein that connects nectin to the actin |

| | |
|---|---|
| | cytoskeleton (PubMed:11024295). May play a key role in the organization of epithelial structures of the embryonic ectoderm (By similarity). Essential for the organization of adherens junctions (PubMed:30463011). |
| **Cellular Location** | Cell junction, adherens junction. Note=Not found at cell-matrix AJs {ECO:0000250\|UniProtKB:O35889} |

## Background

This is a rabbit polyclonal antibody against MLLT4. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).

## Images




MLLT4 antibody - N-terminal region (AI10119) in Human HepG2 cells using Western Blot
WB Suggested Anti-MLLT4 Antibody Titration: 1.25 µg/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate
MLLT4 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells

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