

Datasheet for ABIN360429
anti-MLK4 antibody (N-Term)

2 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 0.4 mL |
| Target: | MLK4 (KIAA1804) |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MLK4 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

| | |
|---------------|--|
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human MLK4. |
| Isotype: | Ig Fraction |
| Specificity: | This antibody recognizes MLK4 (N-term). Other species not tested. |
| Purification: | Protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS |

Target Details

| | |
|-------------------|--|
| Target: | MLK4 (KIAA1804) |
| Alternative Name: | MLK4 (KIAA1804 Products) |

Target Details

Background: Mixed-lineage kinases (MLKs) function as mitogen-activated protein kinase kinase kinases (MAP3Ks), activating the p38 and JNK signaling cascades. Systematic mutational analyses of tyrosine kinases reveal that a minimum of 30 % of colorectal cancer contain at least one mutation in the tyrosine kinases, sampling of colorectal cancer cells suggest an important role of MLK4 in this process. Function: Negative regulator of TLR4 signaling. Does not activate JNK1/MAPK8 pathway, p38/MAPK14, nor ERK2/MAPK1 pathways. Synonyms: KIAA1804, MLK4, Mitogen-activated protein kinase kinase kinase

Molecular Weight: 113957 Da

Gene ID: 84451, 9606

UniProt: [Q5TCX8](#)

Application Details

Application Notes: ELISA: 1/1,000 . Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

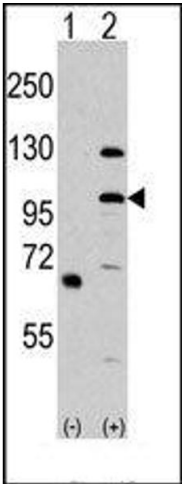


Image 1.

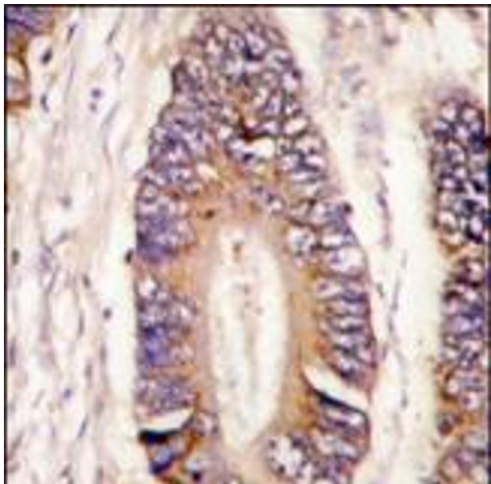


Image 2.