

Datasheet for ABIN1533671
anti-AKAP5 antibody (AA 1-50)

2 Images

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Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | AKAP5 |
| Binding Specificity: | AA 1-50 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AKAP5 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

Product Details

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|---------------|---|
| Immunogen: | The antiserum was produced against synthesized peptide derived from human AKAP5. |
| Isotype: | IgG |
| Specificity: | AKAP5 Antibody detects endogenous levels of total AKAP5 protein. |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity: | > 95 % |

Target Details

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|-------------------|--|
| Target: | AKAP5 |
| Alternative Name: | AKAP5 (AKAP5 Products) |
| Target Type: | Viral Protein |

Target Details

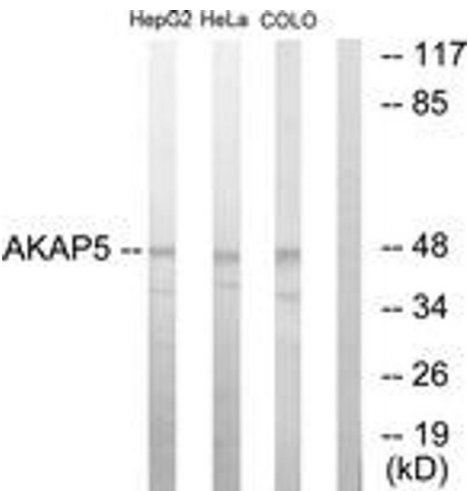
| | |
|-------------------|---|
| Background: | Synonyms: A kinase (PRKA) anchor protein 5, A-kinase anchor 5, A-kinase anchor 79 kDa, AKAP 79, AKAP75, AKAP79, cAMP-dependent protein kinase regulatory subunit II high affinity-binding, H21 NCBI Gene Symbol: AKAP5 |
| Molecular Weight: | 47 kDa |
| Gene ID: | 9495 |
| OMIM: | 604688 |
| UniProt: | P24588 |
| Pathways: | cAMP Metabolic Process |

Application Details

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|--------------------|---|
| Application Notes: | WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000 |
| Comment: | Unigene-Number: Hs.656683 (NCBI Gene Symbol: AKAP5) |
| Restrictions: | For Research Use only |

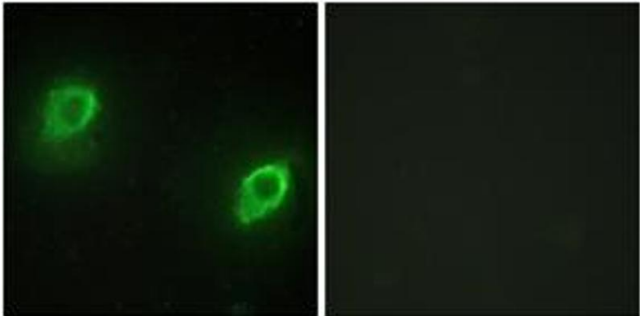
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Stable at -20°C for at least 1 year. |
| Expiry Date: | 12 months |



Western Blotting

Image 1. Western blot analysis of extracts from HepG2/HeLa/COLO205 cells, using AKAP5 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using AKAP5 Antibody. The picture on the right is treated with the synthesized peptide.