

Raptor Rabbit mAb (AR1540)

Key Features

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|---------------|--------------------|
| Host Species: | Rabbit |
| Reactivity: | Human, Mouse |
| Applications: | WB, IHC, IF, ELISA |
| Isotype: | IgG, Kappa |
| | 149kD (Calculated) |
| MW: | 149kD (Observed) |

Recommended Dilution Ratios

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|--------|--------------|
| IHC: | 1:200-1000 |
| WB: | 1:1000-5000 |
| IF: | 1:200-1000 |
| ELISA: | 1:5000-20000 |

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|---------|---|
| Storage | -15°C to -25°C/1 year (Do not lower than -25°C) |
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Basic Information

| | |
|-----------|------------|
| Clonality | Monoclonal |
|-----------|------------|

Immunogen Information

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|-------------|------------|
| Specificity | Endogenous |
|-------------|------------|

Target Information

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| Gene name | RPTOR KIAA1303 RAPTOR |
|-----------|-----------------------|

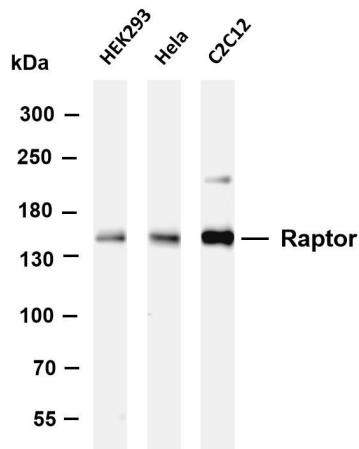
| | |
|--------------|--|
| Protein Name | Regulatory-associated protein of mTOR (Raptor) (p150 target of rapamycin (TOR)-scaffold protein) |
|--------------|--|

| Organism | Gene ID | UniProt ID |
|----------|---------|------------|
| Human | 57521 | Q8N122 |
| Mouse | | Q8K4Q0 |

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|-----------------------|-----------|
| Cellular Localization | Cytoplasm |
|-----------------------|-----------|

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| Tissue specificity | Highly expressed in skeletal muscle, and in a lesser extent in brain, lung, small intestine, kidney and placenta. Isoform 3 is widely expressed, with highest levels in nasal mucosa and pituitary and lowest in spleen. |
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Validation Data



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-Raptor antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

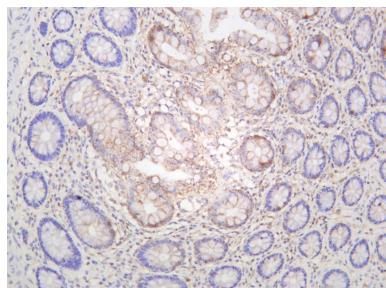
Lane 1: HEK293

Lane 2: HeLa

Lane 3: C2C12

Predicted band size: 149kDa

Observed band size: 149kDa



Human colon was stained with anti-Raptor rabbit antibody

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