

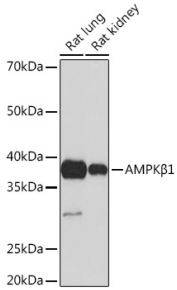
Anti-AMPK beta 1 Antibody [ARC1061] (A305692)

Specifications:

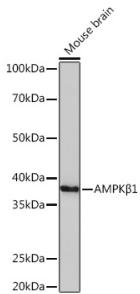
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|------------------------|---|
| Name: | Anti-AMPK beta 1 Antibody [ARC1061] |
| Description: | Rabbit monoclonal [ARC1061] antibody to AMPK beta 1. |
| Applications: | WB, IHC, ICC/IF |
| Recommended Dilutions: | WB: 1:500-1:2,000, IHC: 1:50-1:200, ICC/IF: 1:50-1:200 |
| Reactivity: | Human, Mouse, Rat |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human AMPK β 1 (Q9Y478). |
| Sequence: | EEIKAPEKEEFLAWQHDLEVNDKAPAQARPTVFRWTGGGKEVYLSGSFNNWSKLPLTR SHNNFVAILDLPGEHQYKFFVDGQWTHDPSEPIVTSQLGTVN |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Clone ID: | ARC1061 |
| Isotype: | IgG |
| Conjugate: | Unconjugated |
| Purification: | Affinity purification. |
| Molecular Weight: | 40 kDa |
| Product Form: | Liquid |
| Formulation: | Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol, 0.05% BSA, and 0.02% Sodium Azide. |
| Storage: | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Disclaimer: | This product is for research use only. It is not intended for diagnostic or therapeutic use. |

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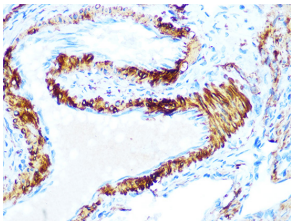
Images:



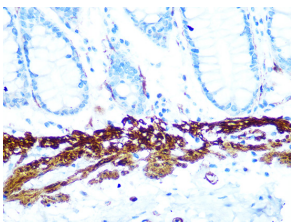
Western blot analysis of extracts of various cell lines, using Anti-AMPK beta 1 Antibody [ARC1061] (A305692) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts of Mouse brain, using Anti-AMPK beta 1 Antibody [ARC1061] (A305692) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded rat ovary using Anti-AMPK beta 1 Antibody [ARC1061] (A305692) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon tissue using Anti-AMPK beta 1 Antibody [ARC1061] (A305692) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.