

# Anti-Human ACTN2 Polyclonal Antibody

## Summary

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|------------------------------|---|
| <b>Catalog No.</b>           | PHE13601  |
| <b>Host species</b>          | Rabbit  |
| <b>Tested applications</b>   | ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000  |
| <b>Species reactivity</b>    | Human   |
| <b>Immunogen</b>             | E. coli - derived recombinant Human ACTN2 (Lys509-Leu894).  |
| <b>Form</b>                  | Liquid  |
| <b>Storage buffer</b>        | 0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.   |
| <b>Clonality</b>             | Polyclonal  |
| <b>Isotype</b>               | IgG   |
| <b>Applications</b>          | ELISA, IHC, WB  |
| <b>Target</b>                | ACTN2, F-actin cross-linking protein, Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2  |
| <b>Purification</b>          | Purified by antigen affinity column.  |
| <b>Accession</b>             | P35609  |
| <b>Stability and Storage</b> | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt. |
| <b>Note</b>                  | For research use only.  |

## Data Image

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Various lysates were subjected to SDS PAGE followed by western blot with ACTN2 antibody (PHE13601) at 1µg/ml.

Lane 1: SH-SY5Y cell lysate

Lane 2: C2C12 cell lysate

Lane 3: Hela cell lysate

Lane 4: HT-29 cell lysate

Lane 5: Mouse brain lysate

Lane 6: Mouse lung lysate

Lane 7: Mouse heart lysate

Lane 8: Mouse muscle lysate

Lane 9: Mouse kidney lysate

Lane 10: Rat brain lysate

Lane 11: Rat lung lysate

Lane 12: Rat heart lysate

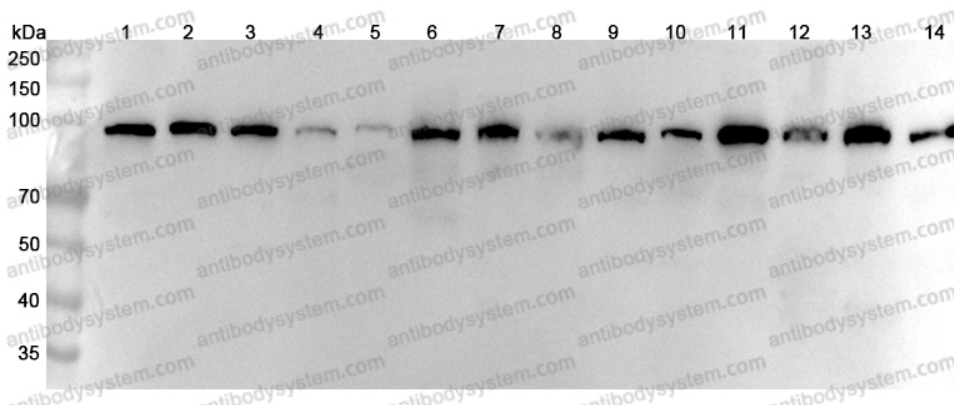
Lane 13: Rat muscle lysate

Lane 14: Rat kidney lysate

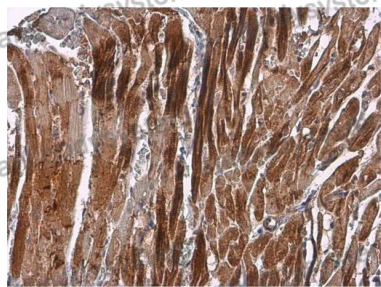
Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 104 kDa

Observed MW: 100 kDa

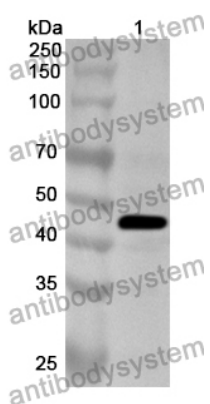


Western Blot



Immunohistochemical

Immunohistochemical analysis of rat heart stained for ACTN2 with PHE13601.



Western Blot

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with ACTN2 antibody (PHE13601) at 1 µg/ml.

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 47 kDa

Observed MW: 47 kDa