

Product datasheet for **TA341641**

Arg 3.1 (ARC) Rabbit Polyclonal Antibody

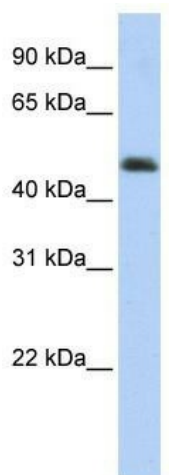
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB, IHC |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-ARC antibody: synthetic peptide directed towards the middle region of human ARC. Synthetic peptide located within the following region: ELDLPQKQGEPLDQFLWRKRDLYQTLYVDADEEEIIQYVVGTLQPKLKRF |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 45 kDa |
| Gene Name: | activity-regulated cytoskeleton-associated protein |
| Database Link: | NP_056008 Entrez Gene 23237 Human Q7LC44 |
| Background: | ARC is required for consolidation of synaptic plasticity as well as formation of long-term memory. It regulates endocytosis of AMPA receptors in response to synaptic activity. The protein is also required for homeostatic synaptic scaling of AMPA receptors. |
| Synonyms: | Arg3.1 |
| Note: | Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Goat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100% |



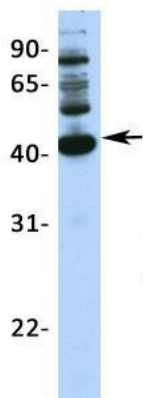
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Product images:



WB Suggested Anti-ARC Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Transfected 293T

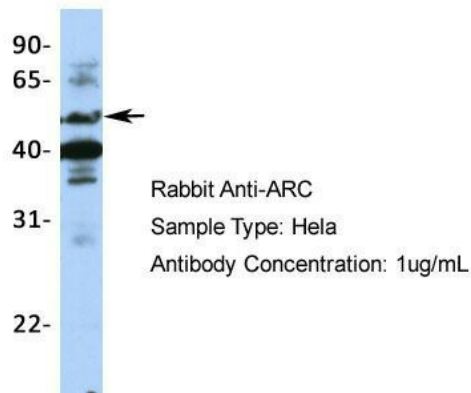
ARC



Rabbit Anti-ARC
 Sample Type: 293T
 Antibody Concentration: 1ug/mL

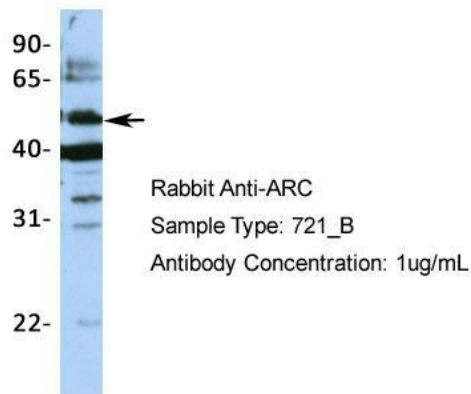
Host: Rabbit; Target Name: ARC; Sample Tissue: 293T; Antibody Dilution: 1.0 ug/ml

ARC

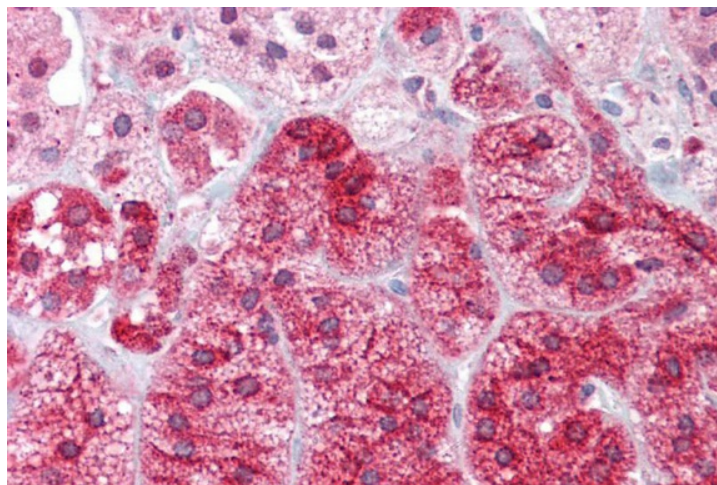


Host: Rabbit; Target Name: ARC; Sample Tissue: HeLa; Antibody Dilution: 1.0 ug/ml

ARC



Host: Rabbit; Target Name: ARC; Sample Tissue: 721_B; Antibody Dilution: 1.0 ug/ml



Immunohistochemistry with Adrenal tissue at an antibody concentration of 5 ug/ml using anti-ARC antibody