

## Product datasheet for **TA360463**

### CACNA2D3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CACNA2D3
Specificity:	<b>Expected reactivity:</b> Human
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
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57 kDa
Gene Name:	calcium voltage-gated channel auxiliary subunit alpha2delta 3
Database Link:	<a href="#">Entrez Gene 55799 Human</a> <a href="#">Q8IZS8-3</a>



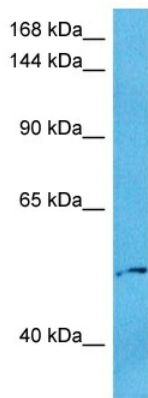
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**Background:**

This gene encodes a member of the alpha-2/delta subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

**Synonyms:**

HSA272268

**Product images:**

Host: Rabbit  
Target Name: CACNA2D3  
Sample Type: ACHN Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: CACNA2D3  
Sample Tissue: Human ACHN Whole Cell lysates  
Antibody Dilution: 1ug/ml