

## Product datasheet for **TA361287**

### **CAPON (NOS1AP) Rabbit Polyclonal Antibody**

#### **Product data:**

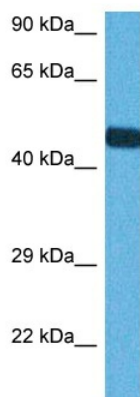
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NOS1AP
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x 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:	55 kDa
Gene Name:	nitric oxide synthase 1 adaptor protein
Database Link:	<a href="#">NP_001119532.2</a> <a href="#">Entrez Gene 9722 Human</a> <a href="#">O75052</a>
Background:	This gene encodes a cytosolic protein that binds to the signaling molecule, neuronal nitric oxide synthase (nNOS). This protein has a C-terminal PDZ-binding domain that mediates interactions with nNOS and an N-terminal phosphotyrosine binding (PTB) domain that binds to the small monomeric G protein, Dexas1. Studies of the related mouse and rat proteins have shown that this protein functions as an adapter protein linking nNOS to specific targets, such as Dexas1 and the synapsins. Alternative splicing results in multiple transcript variants encoding different isoforms.



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Synonyms: 6330408P19Rik; CAPON; KIAA0464; MGC138500

### Product images:



Host: Rabbit  
Target Name: NOS1AP  
Sample Type: Ovary Tumor Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: NOS1AP  
Sample Tissue: Human Ovary Tumor lysates  
Antibody Dilution: 1 $\mu$ g/ml