

**IER2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56034****Specification**

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**IER2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q9BTL4</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24196

**IER2 Polyclonal Antibody - Additional Information****Gene ID** 9592**Other Names**

Immediate early response gene 2 protein, Protein ETR101, IER2 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=28871" target="\_blank">HGNC:28871</a>)

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**IER2 Polyclonal Antibody - Protein Information****Name** IER2 ([HGNC:28871](#))**Function**

DNA-binding protein that seems to act as a transcription factor (PubMed:<a href="http://www.uniprot.org/citations/19584537" target="\_blank">19584537</a>). Involved in the regulation of neuronal differentiation, acts upon JNK-signaling pathway activation and plays a role in neurite outgrowth in hippocampal cells (By similarity). May mediate with FIBP FGF-signaling in the establishment of laterality in the embryo (By similarity). Promotes cell motility, seems to stimulate tumor metastasis (PubMed:<a href="http://www.uniprot.org/citations/22120713" target="\_blank">22120713</a>).

**Cellular Location**

Cytoplasm. Nucleus. Note=Cytoplasmic during quiescence, translocates to the nucleus upon stimulation

**Tissue Location**

Expressed in activated T-cells (at protein level) (PubMed:22120713). Expression increases in

metastatic tumor cells (at protein level) (PubMed:22120713).

### **IER2 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **IER2 Polyclonal Antibody - Images**