

## Product datasheet for **TA377550**

### **IQGAP1 Rabbit Polyclonal Antibody**

#### **Product data:**

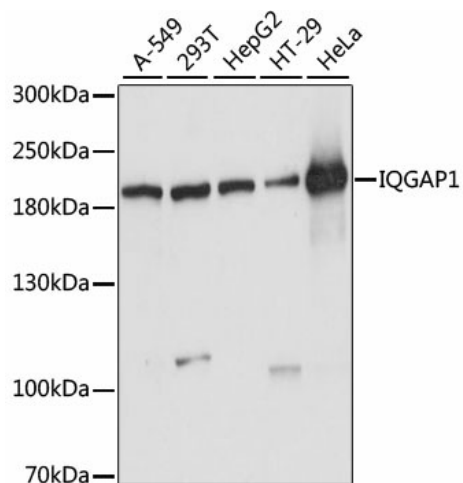
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ICC/IF, IHC, WB
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Modifications:</b>	Unmodified
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 500-750 of human IQGAP1 (NP_003861.1).
<b>Formulation:</b>	PBS with 0.09% Sodium azide,50% glycerol,pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	189kDa
<b>Gene Name:</b>	IQ motif containing GTPase activating protein 1
<b>Database Link:</b>	<a href="#">Entrez Gene 8826 Human P46940</a>
<b>Background:</b>	This gene encodes a member of the IQGAP family. The protein contains four IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. Expression of the protein is upregulated by gene amplification in two gastric cancer cell lines.



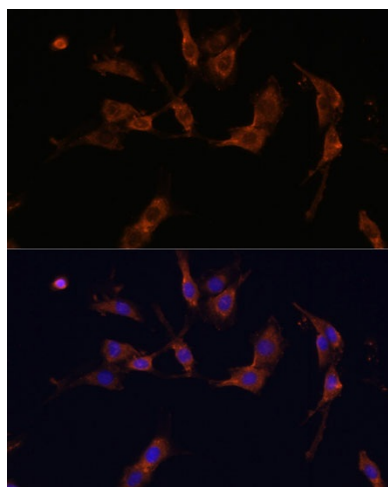
[View online »](#)

Synonyms: HUMORFA01; KIAA0051; p195; SAR1

### Product images:



Western blot analysis of extracts of various cell lines, using IQGAP1 antibody (TA377550) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 10s.



Immunofluorescence analysis of C6 cells using IQGAP1 Polyclonal Antibody (TA377550) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.