

**Iba1 Polyclonal Antibody**

<b>Catalog No :</b>	YN2165
<b>Reactivity :</b>	Human;Rat;Mouse
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	AIF1
<b>Gene Name :</b>	AIF1 G1 IBA1
<b>Protein Name :</b>	Allograft inflammatory factor 1 (AIF-1) (Ionized calcium-binding adapter molecule 1) (Protein G1)
<b>Human Gene Id :</b>	199
<b>Human Swiss Prot No :</b>	P55008
<b>Mouse Swiss Prot No :</b>	O70200
<b>Rat Swiss Prot No :</b>	P55009
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	AIF1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:5000. IF 1:100-300 Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 16kD

---

**Background :** This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016],

---

**Function :** function:May play a role in macrophage activation and function.,PTM:Phosphorylated on serine residues.,similarity:Contains 2 EF-hand domains.,

---

**Subcellular Location :** Cytoplasm, cytoskeleton . Cell projection, ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, phagocytic cup . Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis. .

---

**Expression :** Detected in T-lymphocytes and peripheral blood mononuclear cells.

---

## Products Images