

## EFHD1 Polyclonal Antibody

<b>Catalog No :</b>	YN5612
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB
<b>Target :</b>	EFHD1
<b>Gene Name :</b>	EFHD1
<b>Protein Name :</b>	EF-hand domain-containing protein D1
<b>Human Gene Id :</b>	80303
<b>Human Swiss Prot No :</b>	Q9BUP0
<b>Mouse Gene Id :</b>	98363
<b>Mouse Swiss Prot No :</b>	Q9D4J1
<b>Immunogen :</b>	Recombinant Protein of EF-hand domain-containing protein D1
<b>Specificity :</b>	The antibody detects endogenous EFHD1 proteins.
<b>Formulation :</b>	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	27kD

**Background :** This gene encodes a member of the EF-hand super family of calcium binding proteins, which are involved in a variety of cellular processes including mitosis, synaptic transmission, and cytoskeletal rearrangement. The protein encoded by this gene is composed of an N-terminal disordered region, proline-rich elements, two EF-hands, and a C-terminal coiled-coil domain. This protein has been shown to associate with the mitochondrial inner membrane, and in HeLa cells, acts as a novel mitochondrial calcium ion sensor for mitochondrial flash activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016],

**Function :** similarity:Contains 2 EF-hand domains.,

**Subcellular Location :** Mitochondrion inner membrane .

**Expression :** Brain, Eye, Heart, Hippocampus, Lung, Normal aorta, Placenta,

**Sort :** 5434

**No4 :** 1

**Host :** Rabbit

**Modifications :** Unmodified

## Products Images

Western blot analysis of 293T cell lysate, diluted at 1:2000.  
Secondary antibody(catalog#:RS0002) was diluted at 1:20000

