

## Anti-CED6 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Pig, Cow, Horse, Rabbit, Sheep)
Molecular Weight:	Theoretical: 34 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	<ol style="list-style-type: none"><li>1. Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CED6) Polyclonal Antibody, Unconjugated (TMAB-04216) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</li><li>2. Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CED6) Polyclonal Antibody, Unconjugated (TMAB-04216) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</li><li>3. Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CED6) Polyclonal Antibody, Unconjugated (TMAB-04216) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</li></ol>
Application:	IHC-P, IHC-Fr, IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CED6
Antigen Species:	Human
Gene ID:	51454
Uniprot ID:	Q9UBP9

## Research Background

Several proteins involved in regulating and executing programmed cell death have been identified in *C. elegans*. CED-3, a member of the ICE protease/caspase family, and CED-4, a homolog of the mammalian Apaf-1, promote apoptosis. CED-9, a homolog of the mammalian Bcl-2 protein, inhibits cell death. EGL-1 and CED-6 both function as death-promoting proteins, with CED-6 playing a role in the engulfment of apoptotic cells. CED-5 and CED-7 are C.

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elegans orthologs of the mammalian DOCK180 and ABC transporter proteins, respectively, and also play a role in the engulfment of dying cells.

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