



# CIDE-3 Polyclonal Antibody

<b>Catalog No</b>	BYab-00354
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	CIDEC
<b>Protein Name</b>	Cell death activator CIDE-3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CIDEC. AA range:189-238
<b>Specificity</b>	CIDE-3 Polyclonal Antibody detects endogenous levels of CIDE-3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CIDEC; FSP27; Cell death activator CIDE-3; Cell death-inducing DFFA-like effector protein C; Fat-specific protein FSP27 homolog
<b>Observed Band</b>	
<b>Cell Pathway</b>	Nucleus . Endoplasmic reticulum. Lipid droplet. Diffuses quickly on lipid droplet surface, but becomes trapped and clustered at lipid droplet contact sites, thereby enabling its rapid enrichment at lipid droplet contact sites.
<b>Tissue Specificity</b>	Expressed mainly in adipose tissue, small intestine, heart, colon and stomach and, at lower levels, in brain, kidney and liver.
<b>Function</b>	function:Isoforms 1 and 2 induce apoptosis.,similarity:Contains 1 CIDE-N domain.,subcellular location:Cytoplasmic in a punctate manner.,tissue specificity:Expressed mainly in small intestine, heart, colon and stomach and, at lower levels, in brain, kidney and liver.,
<b>Background</b>	cell death inducing DFFA like effector c(CIDEc) Homo sapiens This gene encodes a member of the cell death-inducing DNA fragmentation factor-like effector family. Members of this family play important roles in apoptosis. The encoded protein promotes lipid droplet formation in adipocytes and may mediate

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adipocyte apoptosis. This gene is regulated by insulin and its expression is positively correlated with insulin sensitivity. Mutations in this gene may contribute to insulin resistant diabetes. A pseudogene of this gene is located on the short arm of chromosome 3. Alternatively spliced transcript variants that encode different isoforms have been observed for this gene. [provided by RefSeq, Dec 2010],

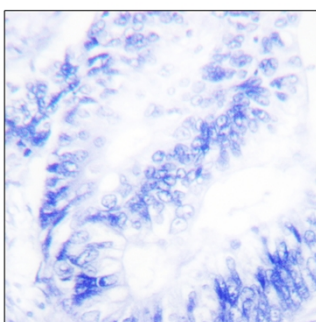
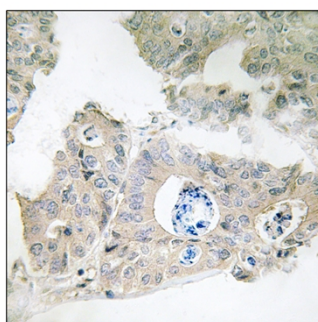
**matters needing attention**

Avoid repeated freezing and thawing!

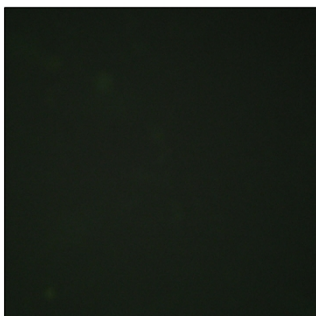
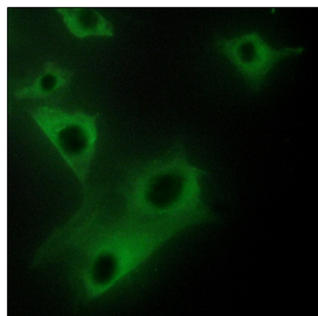
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunofluorescence analysis of HeLa cells, using CIDECA Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using CIDECA Antibody. The picture on the right is blocked with the synthesized peptide.