



CIDE-3 Polyclonal Antibody

Catalog No	YP-Ab-00354
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	CIDEC
Immunogen	The antiserum was produced against synthesized peptide derived from human CIDEC. AA range:189-238
Specificity	CIDE-3 Polyclonal Antibody detects endogenous levels of CIDE-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cell death activator CIDE 3;CIDE 3;CIDEC;Fsp27;CIDE-3;Cell death activator CIDE-3;Cell death-inducing DFFA-like effector protein C;Fat-specific protein FSP27 homolog
Observed Band	
Calculated Molecular Weight	
Cell Pathway	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.
Tissue Specificity	Expressed mainly in adipose tissue, small intestine, heart, colon and stomach and, at lower levels, in brain, kidney and liver.
Function	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.,



Background

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 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],

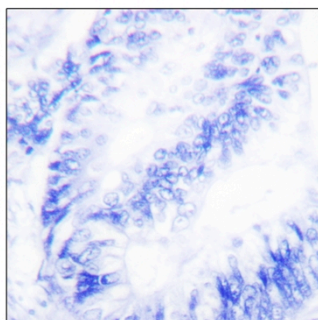
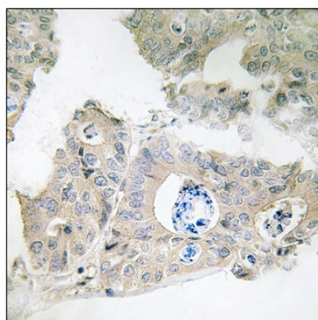
matters needing attention

Avoid repeated freezing and thawing!

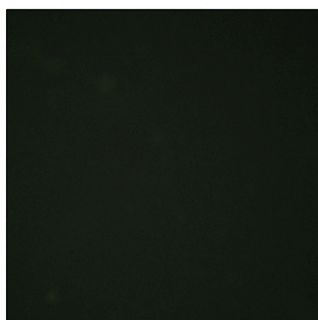
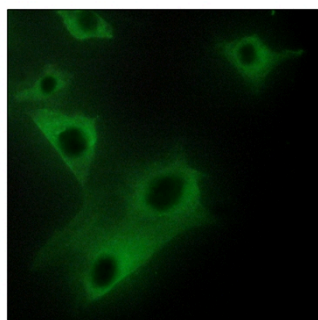
Usage suggestions

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 CIDEc Antibody. The picture on the right is blocked with the synthesized peptide.



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