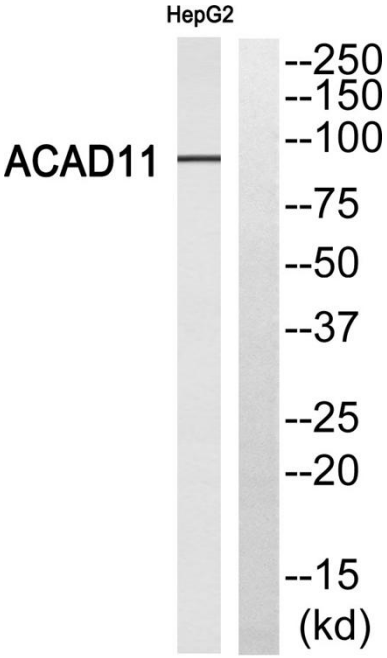
ACAD-11 Polyclonal Antibody

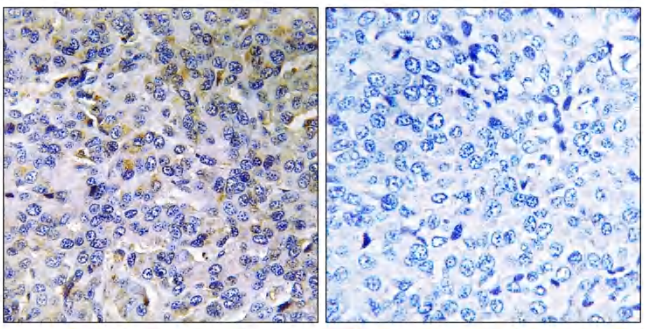
Catalog No	YP-Ab-02462
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	ACAD11
Protein Name	Acyl-CoA dehydrogenase family member 11
Immunogen	The antiserum was produced against synthesized peptide derived from human ACAD11. AA range:381-430
Specificity	ACAD-11 Polyclonal Antibody detects endogenous levels of ACAD-11 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	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACAD11; Acyl-CoA dehydrogenase family member 11; ACAD-11
Observed Band	87kD
Cell Pathway	Peroxisome . Mitochondrion membrane . Has been detected associated with mitochondrial membrane, but no matrix, in kidney and cerebellum, as well as in a neuroblastoma cell line, but not in skin fibroblasts, where it is observed in cytoplasmic vesicles (PubMed:21237683). No mitochondrial targeting signals could be predicted for any known isoform, including a putative isoform starting at Met-316. .
Tissue Specificity	Widely expressed with highest levels in brain followed by liver, heart and kidney.
Function	alternative products:Additional isoforms seem to exist,disease:Defects in NPHP3 are a cause of renal-hepatic-pancreatic dysplasia (RHPD) [MIM:208540]. RHPD is an autosomal recessive disorder with variable expression, and patients surviving the neonatal period progress to renal and hepatic failure which can be treated successfully with combined liver-kidney transplantation.,disease:Defects in NPHP3 are the cause of nephronophthisis type 3 (NPHP3) [MIM:604387]; also known as adolescent nephronophthisis. NPHP3 is a autosomal recessive disorder resulting in end-stage renal disease. It is characterized by polyuria, polydipsia, anemia. Onset of terminal renal failure occurr significantly later (median age, 19 years) than in juvenile nephronophthisis. Renal pathology is characterized by alterations of tubular basement membranes, tubular atrophy and dilatation,

	sclerosing tubulointerstitial neph
Background	acyl-CoA dehydrogenase family member 11(ACAD11) Homo sapiens This gene encodes an acyl-CoA dehydrogenase enzyme with a preference for carbon chain lengths between 20 and 26. Naturally occurring read-through transcription occurs between the upstream gene NPHP3 (nephronophthisis 3 (adolescent)) and this gene. [provided by RefSeq, Aug 2015],
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



Western blot analysis of ACAD11 Antibody. The lane on the right is blocked with the ACAD11 peptide.



Immunohistochemistryt analysis of paraffin-embedded human breast carcinoma, using ACAD11 Antibody. The lane on the right is blocked with the ACAD11 peptide.