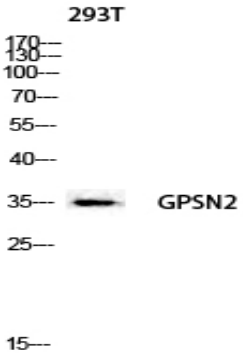
Best Tools for immunology Research

GPSN2 Polyclonal Antibody

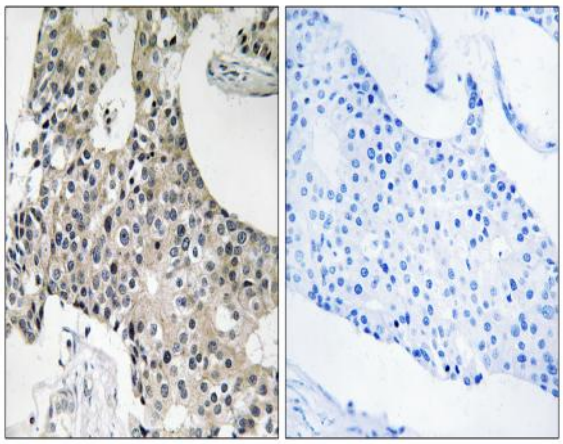
Catalog No :	YT2042
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	GPSN2
Fields :	>>Fatty acid elongation;>>Biosynthesis of unsaturated fatty acids;>>Metabolic pathways;>>Fatty acid metabolism
Gene Name :	TECR
Protein Name :	Trans-2,3-enoyl-CoA reductase
Human Gene Id :	9524
Human Swiss Prot No :	Q9NZ01
Mouse Gene Id :	106529
Mouse Swiss Prot No :	Q9CY27
Rat Gene Id :	191576
Rat Swiss Prot No :	Q64232
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPSN2. AA range:259-308
Specificity :	GPSN2 Polyclonal Antibody detects endogenous levels of GPSN2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. ELISA: 1:40000. IF 1:50-200

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	36kD
Cell Pathway :	Biosynthesis of unsaturated fatty acids;
Background :	This gene encodes a multi-pass membrane protein that resides in the endoplasmic reticulum, and belongs to the steroid 5-alpha reductase family. The elongation of microsomal long and very long chain fatty acid consists of 4 sequential reactions. This protein catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Apr 2011],
Function :	steroid biosynthetic process, steroid metabolic process, lipid biosynthetic process, oxidation reduction,
Subcellular Location :	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Expression :	Expressed in most tissues tested. Highly expressed in skeletal muscle.
Sort :	7073
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Western blot analysis of 293T lysis using GPSN2 antibody. Antibody was diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using GPSN2 Antibody. The picture on the right is blocked with the synthesized peptide.