

STAR5 rabbit pAb

Catalog No :	YT7726
Reactivity :	Human;Mouse
Applications :	WB;ELISA;IHC
Target :	STAR5
Gene Name :	STARD5
Protein Name :	STAR5
Human Gene Id :	80765
Human Swiss Prot No :	Q9NSY2
Mouse Gene Id :	170460
Mouse Swiss Prot No :	Q9EPQ7
Immunogen :	Synthesized peptide derived from human STAR5 AA range: 129-179
Specificity :	This antibody detects endogenous levels of STAR5 at Human/Mouse
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 1:50-300; ELISA 2000-20000
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 : 23kD**Background :**

Proteins containing a steroidogenic acute regulatory-related lipid transfer (START) domain are often involved in the trafficking of lipids and cholesterol between diverse intracellular membranes. This gene is a member of the StarD subfamily that encodes START-related lipid transfer proteins. The protein encoded by this gene is a cholesterol transporter and is also able to bind and transport other sterol-derived molecules related to the cholesterol/bile acid biosynthetic pathways such as 25-hydroxycholesterol. Its expression is upregulated during endoplasmic reticulum (ER) stress. The protein is thought to act as a cytosolic sterol transporter that moves cholesterol between intracellular membranes such as from the cytoplasm to the ER and from the ER to the Golgi apparatus. Alternative splicing of this gene produces multiple transcript variants. [provided by RefSeq, Jan 2016],

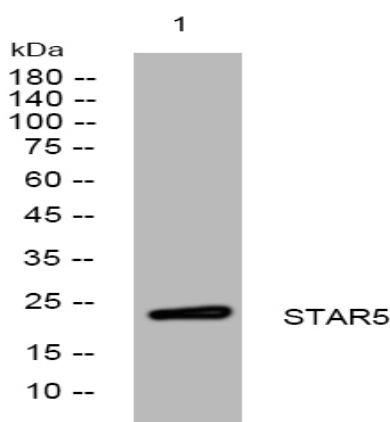
Function :

function:May be involved in the intracellular transport of sterols or other lipids. May bind cholesterol or other sterols.,similarity:Contains 1 START domain.,

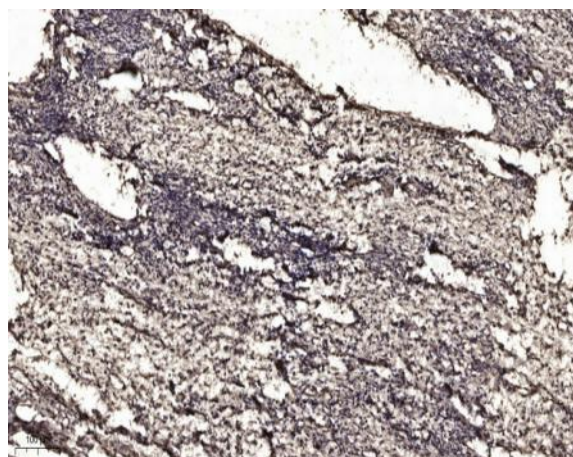
Subcellular Location :

mitochondrion,cytosol,

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).