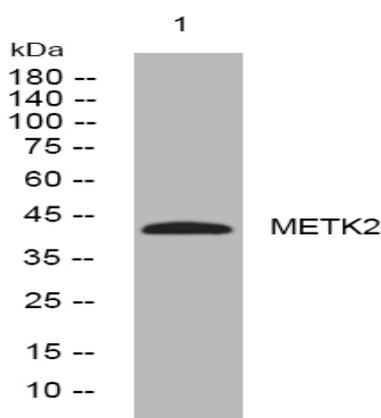


METK2 rabbit pAb

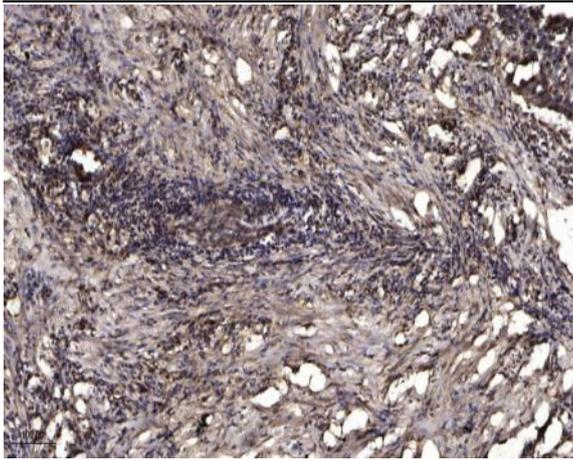
Catalog No :	YT7094
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA;IHC
Target :	METK2
Fields :	>>Cysteine and methionine metabolism;>>Metabolic pathways;>>Biosynthesis of amino acids;>>Biosynthesis of cofactors
Gene Name :	MAT2A AMS2 MATA2
Protein Name :	METK2
Human Gene Id :	4144
Human Swiss Prot No :	P31153
Mouse Gene Id :	232087
Mouse Swiss Prot No :	Q3THS6
Rat Gene Id :	171347
Rat Swiss Prot No :	P18298
Immunogen :	Synthesized peptide derived from human METK2 AA range: 294-344
Specificity :	This antibody detects endogenous levels of METK2 at Human/Mouse/Rat
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 :	43kD
Background :	The protein encoded by this gene catalyzes the production of S-adenosylmethionine (AdoMet) from methionine and ATP. AdoMet is the key methyl donor in cellular processes. [provided by RefSeq, Jun 2011],
Function :	catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine.,cofactor:Binds 1 potassium ion per subunit.,cofactor:Binds 2 divalent ions per subunit. Magnesium or cobalt.,function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha' subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase family.,subunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha and alpha') (MAT2A) and 1 copy of beta subunit (MAT2B).,
Subcellular Location :	cytosol,methionine adenosyltransferase complex,
Expression :	Detected in kidney.

Products Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 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).