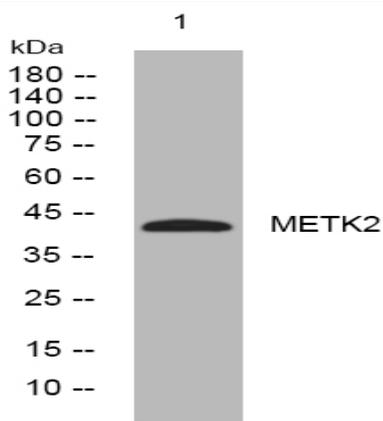


METK2 rabbit pAb

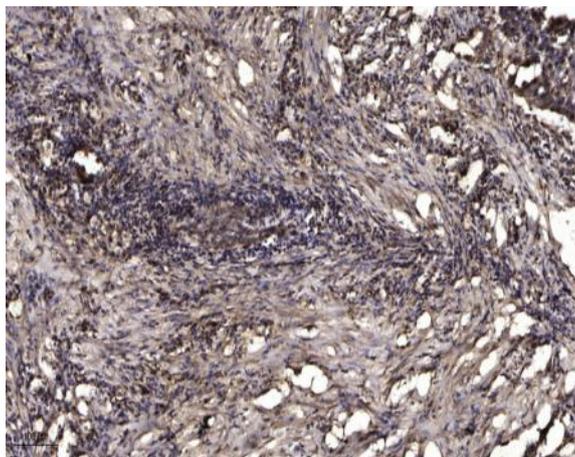
| | |
|------------------------------|---|
| Catalog No : | YT7094 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;ELISA;IHC |
| Target : | METK2 |
| Fields : | >>Cysteine and methionine metabolism;>>Metabolic pathways;>>Biosynthesis of amino acids;>>Biosynthesis of cofactors |
| Gene Name : | 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. |
| Sort : | 9607 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

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).