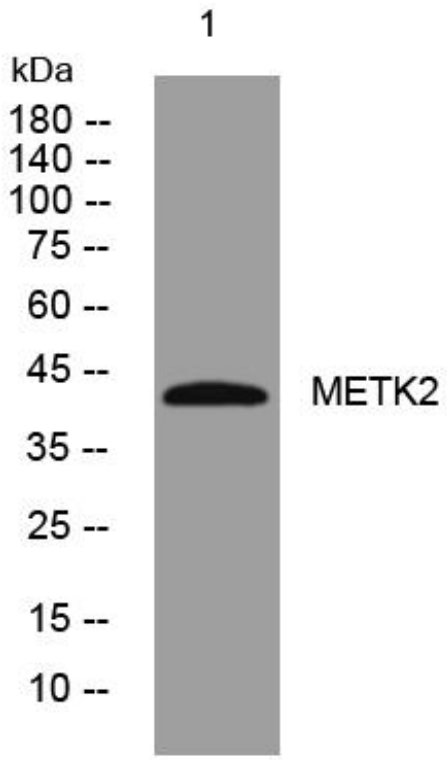
METK2 mouse mAb

Catalog No	YP-mAb-11729
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MAT2A AMS2 MATA2
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	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AMS2;EC:2.5.1.6;MAT 2;MATA2;MATII;METK2;MAT2A AMS2 MATA2
Observed Band	43kD
Calculated Molecular Weight	43kD
Cell Pathway	cytosol,methionine adenosyltransferase complex,
Tissue Specificity	Detected in kidney.
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).,

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],
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 various cells using METK2 mouse mAb