DNAxPAb | Hard-to-Find Antibody

MTAP DNAxPab

Catalog # H00004507-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MTAP DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASGTTTTAVKIGIIGGTGLDDPEILEGRTEKYVDTPFGKPSDALILGKIKNVDCVLLARHGRQHTIMP SKVNYQANIWALKEEGCTHVIVTTACGSLREEIQPGDIVIIDQFIDRTTMRPQSFYDGSHSCARGVC HIPMAEPFCPKTREVLIETAKKLGLRCHSKGTMVTIEGPRFSSRAESFMFRTWGADVINMTTVPEV VLAKEAGICYASIAMATDYDCWKEHEEAVSVDRVLKTLKENANKAKSLLLTTIPQIGSTEWSETLH NLKNMAQFSVLLPRH
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MTAP

Entrez GeneID	4507
GeneBank Accession#	NM_002451.3
Protein Accession#	NP_002442.2
Gene Name	MTAP
Gene Alias	MSAP, c86fus
Gene Description	methylthioadenosine phosphorylase
Omim ID	156540
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that plays a major role in polyamine metabolism and is important f or the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively splic ed transcript variants have been described for this gene, but their full-length natures remain unkno wn. [provided by RefSeq
Other Designations	5'-methylthioadenosine phosphorylase|MeSAdo phosphorylase|OTTHUMP00000021152

Pathway

- Cysteine and methionine metabolism
- Metabolic pathways

Disease

- Brain Ischemia
- Diabetes Mellitus
- Gastrointestinal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease

- Hyperlipidemias
- Hypertension
- Intracranial Embolism
- Melanoma
- Myocardial Infarction
- Neoplasms
- Nevus
- Precancerous Conditions
- Skin Neoplasms
- Sunburn