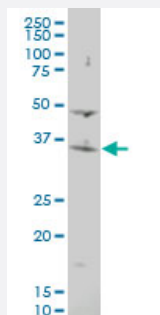


ASMT polyclonal antibody (A01)

Catalog # H00000438-A01

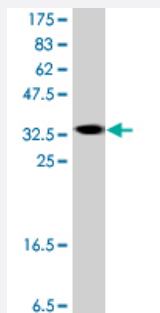
Size 50 uL

Applications



Western Blot (Cell lysate)

ASMT polyclonal antibody (A01), Lot # COO0060228QCS1 Western Blot analysis of ASMT expression in HeLa (Cat # L013V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ASMT.
Immunogen	ASMT (NP_004034, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag.
Sequence	KLLKVETRGGKAFYRNTLSSDYLTTVSPTSQC SMLKYMGRTSYRCWGH LADAVREG RNQYLET FGVPAEELFTAYRSEGERLQFMQALQE VWSVNGRS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (56)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ASMT polyclonal antibody (A01), Lot # COO0060228QCS1 Western Blot analysis of ASMT expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ASMT

Entrez GeneID

[438](#)

GeneBank Accession#

[NM_004043](#)

Protein Accession#

[NP_004034](#)

Gene Name

ASMT

Gene Alias

ASMTY, HIOMT, HIOMTY

Gene Description

acetylserotonin O-methyltransferase

Omim ID

[300015 402500](#)

Gene Ontology

[Hyperlink](#)

Other Designations

Acetylserotonin methyltransferase (Y chromosome)|OTTHUMP00000022834|acetylserotonin N-methyltransferase

Publication Reference

- [Placental melatonin production and melatonin receptor expression are altered in preeclampsia: new insights into the role of this hormone in pregnancy.](#)

Lanoix D, Guérin P, Vaillancourt C.

Journal of Pineal Research 2012 Nov; 53(4):417.

Application: WB-Ti, Human, Placentas from normotensive and preeclamptic pregnancies

- [Dynamics in enzymatic protein complexes offer a novel principle for the regulation of melatonin synthesis in the human pineal gland.](#)

Maronde E, Saade A, Ackermann K, Goubran-Botros H, Pagan C, Bux R, Bourgeron T, Dehghani F, Stehle JH.

Journal of Pineal Research 2011 Aug; 51(1):145.

Application: IF, Human, Pinealocytes

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Autistic Disorder](#)
- [Child Development Disorders](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)