Anti-ABAT antibody (1-100) [S7MR] (STJ11102437)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

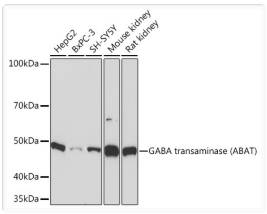
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 56kDa Observed Mw:
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

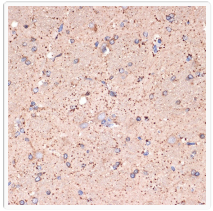
Gene ID	18
Gene Symbol	ABAT
UniProt ID	GABT_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MASMLLAQRLACSFQHSYRL LVPGSRHISQAAAKVDVEFD YDGPLMKTEVPGPRSQELMK QLNIIQNAEAVHFFCNYEES RGNYLVDVDGNRMLDLYSQI
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GABA transaminase (ABAT) (P80404).

ADDITIONAL INFORMATION

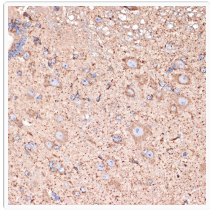
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



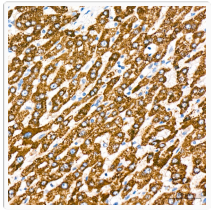
Western blot analysis of various lysates using GABA transaminase (GABA transaminase (ABAT)) Rabbit mAb (STJ11102437) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.



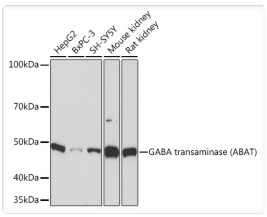
Immunohistochemistry analysis of paraffin-embedded Rat brain using GABA transaminase (GABA transaminase (ABAT)) Rabbit mAb (STJ11102437) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M Tris/EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



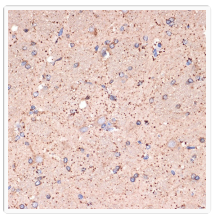
Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord using GABA transaminase (GABA transaminase (ABAT)) Rabbit mAb (STJ11102437) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M Tris/EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



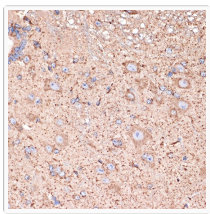
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using GABA transaminase (ABAT) Rabbit mAb (STJ11102437) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Western blot analysis of various lysates using GABA transaminase (GABA transaminase (ABAT)) Rabbit mAb (STJ11102437) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using GABA transaminase (GABA transaminase (ABAT)) Rabbit mAb (STJ11102437) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.



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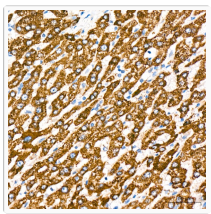

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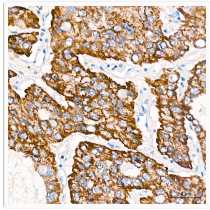

Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using GABA transaminase (ABAT) Rabbit mAb (STJ11102437) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.