

Anti-OAT antibody (160-439) (STJ27991)

STJ27991

GENERAL INFORMATION

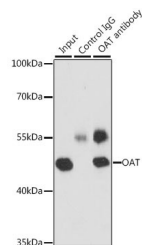
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

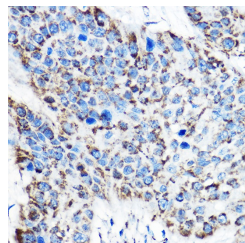
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200
	IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

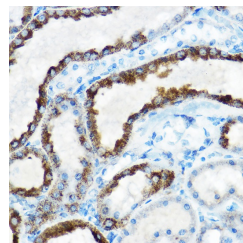
Gene ID	4942
Gene Symbol	OAT
Uniprot ID	OAT_HUMAN
Immunogen	
Immunogen Region	160-439
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 160-439 of human OAT (NP_000265.1).
Immunogen Sequence	VKGIQKYKAKIVFAAGNFWG RTLSAISSSTDPTSVDGFGP FMPGFDIIPYNDLPALERAL QDPNVAAFMVEPIQGEAGVV VPDPGYLMGVRELCTRHQVL FIADIEQTGLARTGRWLAVD YENVRPDIVLLGKALSGGLY PVSAVLCDDDIIMLTIKPGEH GSTYGGNPLGCRVAIAALEV LEEENLAENADKLGILRNE LMKLPSTDVVTAVRGKGLLNA IVIKETKDWDAWKVCLRLR



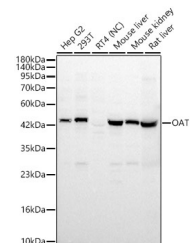
Immunoprecipitation analysis of 200 Mu g extracts of MCF-7 cells, using 3 Mu g OAT antibody (STJ27991). Western blot was performed from the immunoprecipitate using OAT antibody (STJ27991) at a dilution of 1:1000.



Immunohistochemistry analysis of OAT in paraffin-embedded human esophageal cancer using OAT Rabbit polyclonal antibody (STJ27991) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of OAT in paraffin-embedded rat kidney using OAT Rabbit polyclonal antibody (STJ27991) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using OAT Rabbit polyclonal antibody (STJ27991) at 1:2000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000858) at 1:10000 dilution. Lysates/proteins: 25A Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Negative control (NC): RT4. Exposure time: 30s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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