

Rabbit Serotonin Transporter Polyclonal Antibody | anti-SERT antibody

Polyclonal Antibody to Serotonin Transporter (SERT)

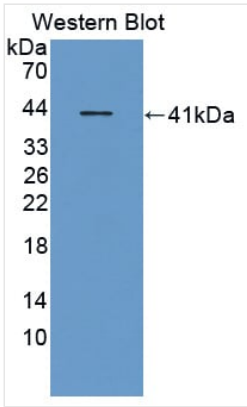
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142902	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

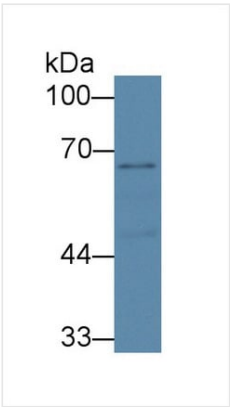
Serotonin Transporter; Polyclonal Antibody; Polyclonal Antibody to Serotonin Transporter (SERT); anti-SERT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SERT. It has been selected for its ability to recognize SERT in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a woN-terminal tag. His-tag and GST-tag and its sequence is listed below. MSPI LGYWKIKGLV QPTRLLLEYL EEKYEEHLYE RDEGDKWRNK KFELGLEFPN LPYYIDGDVK LTQSMAIIRY IADKHNLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF E DRLCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMCDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAAK FERQHMDSPD LGTGGGSGIE GRGSMGYRGS EF-AWALYYL ISSFTDQLPW TSCKNSWNTG NCTNYFSEDN ITWTLHSTSP AEEFYTRHVL QIHRSKGLQD LGG
Applicable Applications for anti-SERT antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	SERT (Ala181~Ser252)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant SERT (Ala181~Ser252) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 4ug/ml Rabbit Anti-Human SERT Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507043
NCBI GeneID	6532
NCBI Accession #	NP_001036.1
NCBI GenBank Nucleotide #	NM_001045.5
UniProt Accession #	P31645; Q5EE02; AAB26687
Molecular Weight	74,979 Da
NCBI Official Full Name	sodium-dependent serotonin transporter
NCBI Official Synonym Full Names	solute carrier family 6 member 4
NCBI Official Symbol	SLC6A4
NCBI Official Synonym Symbols	HTT; 5HTT; OCD1; SERT; 5-HTT; SERT1; hSERT; 5-HTTLPR
NCBI Protein Information	sodium-dependent serotonin transporter
UniProt Protein Name	Sodium-dependent serotonin transporter
UniProt Gene Name	SLC6A4
UniProt Synonym Gene Names	HTT; SERT; 5HTT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.