

Rabbit anti-Human DRD5 Polyclonal Antibody | anti-DRD5 antibody

DRD5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323550	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

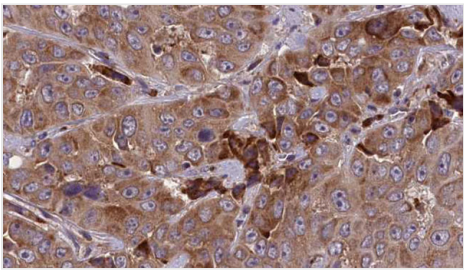
PRODUCT SYNONYMS

DRD5; Polyclonal Antibody; DRD5 Antibody; D(1B) dopamine receptor; D(5) dopamine receptor; D1 beta dopamine receptor; D1B dopamine receptor; D1beta dopamine receptor; D5 dopamine receptor; DBDR; Dopamine D5 receptor; Dopamine receptor D1B; dopamine receptor D5; DRD 1B; DRD 5; DRD1B; DRD1L2; DRD5_HUMAN; MGC10601; anti-DRD5 antibody

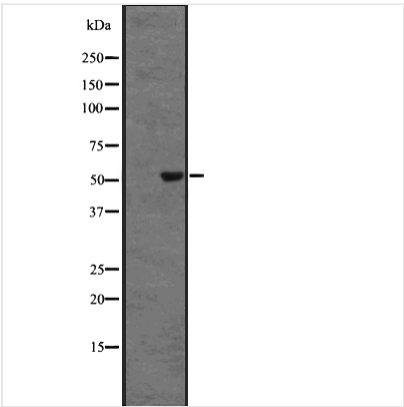
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	DRD5 antibody detects endogenous levels of total DRD5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	477
Applicable Applications for anti-DRD5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Neuron-specific, localized primarily within limbic regions of the brain.
Predicted Cross Reactivity	Pig
Similarity	Pig (100%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323550 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of DRD5 expression in HEK293 cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DRD5 antibody	Description: Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503391
NCBI GeneID	1816
NCBI Accession #	NP_000789.1
NCBI GenBank Nucleotide #	NM_000798.4
UniProt Accession #	P21918; Q8NEQ8; B2R9S3
Molecular Weight	Observed: 53 kDa Predicted: 53 kDa
NCBI Official Full Name	D(1B) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D5
NCBI Official Symbol	DRD5
NCBI Official Synonym Symbols	DBDR; DRD1B; DRD1L2
NCBI Protein Information	D(1B) dopamine receptor
UniProt Protein Name	D(1B) dopamine receptor
UniProt Gene Name	DRD5
UniProt Synonym Gene Names	DRD1B; DRD1L2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/drd5-antibody-immunohistochemistry-western-blot-elisa/323550>