

Anti-GAP43 antibody (1-238) (STJ119205)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

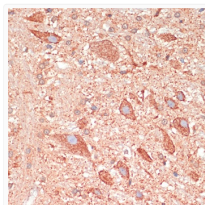
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 25kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

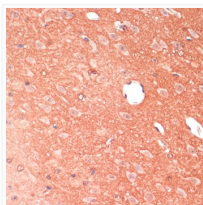
Gene ID	2596
Gene Symbol	GAP43
UniProt ID	NEUM_HUMAN
Immunogen Region	1-238
Immunogen Sequence	MLCCMRRTKQVEKNDDQKI EQDGIKPEDKAHKAATKIQA SFRGHITRKKLKGEKKDDVQ AAEAEANKKDEAPVADGVEK KEGTTTTAEAAPATGSKPDE PGKAGETPSEKKGEGDAAT EQAAPQAPASSEKAGSAET ESATKASTDNSSPKAEDAP AKEEPKQADVPAAVTAAAT TPAAEDAAAKATAQPPTETG ESSQAEENIEAVDETKPKES ARQDEGKEEEPEADQEHA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-238 of human GAP43 (NP_002036.1).

ADDITIONAL INFORMATION

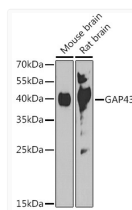
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of paraffin-embedded rat brain using GAP43 antibody (STJ119205) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse brain using GAP43 antibody (STJ119205) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using GAP43 antibody (STJ119205) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.