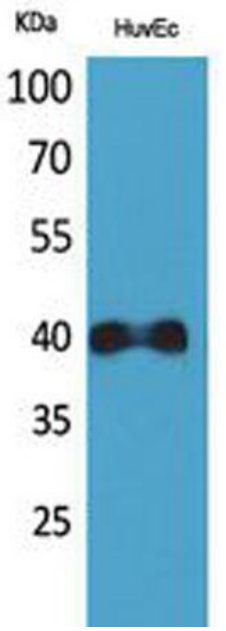
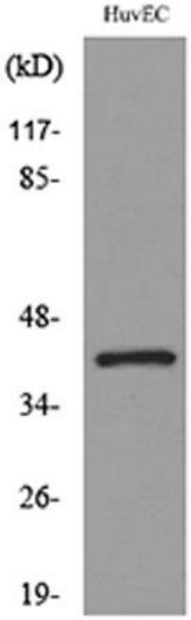
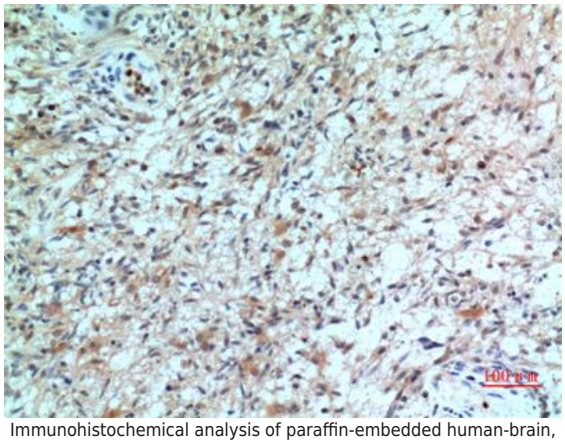
Product name:	CXCR2 Rabbit Polyclonal Antibody
Cat number:	AB-84307
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CXCR2. AA range:1-50
Reactivity:	Human,Mouse,Rat
Applications:	Western Blot: 1:500 - 1:1000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:100
Molecular Weight:	40 kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20℃. Avoid freeze / thaw cycles.
Background:	The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCL1/MGSA), a protein with melanoma growth stimulating activity, and has been shown to be a major component required for serum-dependent melanoma cell growth. This receptor mediates neutrophil migration to sites of inflammation. The angiogenic effects of IL8 in intestinal microvascular endothelial cells are found to be mediated by this receptor. Knockout studies in mice suggested that this receptor controls the positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration. This gene, IL8RA, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. Alternatively, spliced variants, encoding the same protein, have been identified.



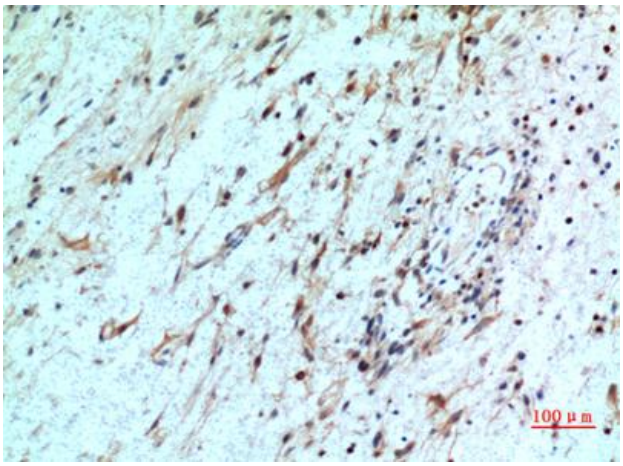
Western Blot analysis of HuvEc cells using CXCR2 Polyclonal Antibody with dilution 1:1000. Secondary antibody diluted at 1:20000



Western blot analysis of lysate from HUVEC cells, using CXCR2 Antibody at a dilution of 1:1000.



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100