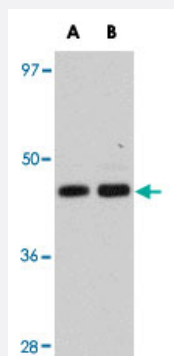


KITLG polyclonal antibody

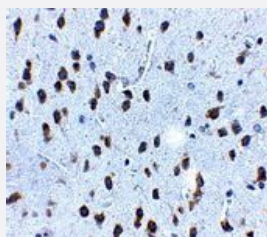
Catalog # PAB16744 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of KITLG in rat brain tissue lysate with KITLG polyclonal antibody (Cat # PAB16744) at (A) 1 and (B) 2 ug/mL .



Immunohistochemistry

Immunohistochemistry of KITLG in mouse brain tissue with KITLG polyclonal antibody (Cat # PAB16744) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KITLG.
Immunogen	A synthetic peptide corresponding to internal region 18 amino acids of human KITLG.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of KITLG in rat brain tissue lysate with KITLG polyclonal antibody (Cat # PAB16744) at (A) 1 and (B) 2 ug/mL .

- Immunohistochemistry

Immunohistochemistry of KITLG in mouse brain tissue with KITLG polyclonal antibody (Cat # PAB16744) at 2.5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KITLG

Entrez GeneID	4254
Protein Accession#	P21583
Gene Name	KITLG
Gene Alias	DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7
Gene Description	KIT ligand
Omim ID	184745
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	mast cell growth factor steel factor stem cell factor

Publication Reference

- [Targeting kit activation: a potential therapeutic approach in the treatment of allergic inflammation.](#)

Jensen BM, Metcalfe DD, Gilfillan AM.

Inflammation & Allergy Drug Targets 2007 Mar; 6(1):57.

- [Stem cell factor and its receptor c-Kit as targets for inflammatory diseases.](#)

Reber L, Da Silva CA, Frossard N.

European Journal of Pharmacology 2006 Mar; 533(1-3):327.

Application: ELISA, WB-Ce, Mouse, Mouse mast cells

- [Stem cell factor \(c-kit ligand\) influences eosinophil recruitment and histamine levels in allergic airway inflammation.](#)

Lukacs NW, Strieter RM, Lincoln PM, Brownell E, Pullen DM, Schock HJ, Chensue SW, Taub DD, Kunkel SL.

Journal of Immunology 1996 May; 156(10):3945.

Application: ELISA, Neutralization, IHC-P, Mouse, Alveolar macrophages, Lungs, Serum

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Neoplasms](#)
- [Testicular Neoplasms](#)
- [Vitiligo](#)