

Rabbit Anti-MXRA8/AP Conjugated antibody

SL19118R-AP

Product Name	Anti-MXRA8/AP
Chinese Name	碱性磷酸酶（AP）标记的基质重塑相关蛋白 8 抗体
Alias	FLJ41492; FLJ41492; FLJ46603; HBV PreS1 transactivated protein 1; Matrix remodelling associated 7; Matrix-remodeling-associated protein 7; MXRA7; MXRA7_HUMAN; PS1TP1; TMAP1; Transmembrane anchor protein 1.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat(predicted:Dog,Pig,Cow,Sheep)
Applications	WB=1:500-2000, IHC-P, IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	47kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human MXRA8
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: MXRA8 is a 442 amino acid single-pass type I membrane protein that is implicated in the maintenance and maturation of the blood-brain barrier. Containing two Ig-like V-type (immunoglobulin-like) domains, MXRA8 exists as two alternatively spliced isoforms that are encoded by a gene that maps to human chromosome 1p36.33. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the

human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma

Function:

May play a role in the maturation and maintenance of blood-brain barrier.

Subcellular Location:

Membrane.

Similarity:

Contains 2 Ig-like V-type (immunoglobulin-like) domains.

Database links:

[Entrez Gene: 54587](#) Human

[Entrez Gene: 313770](#) Rat

[SwissProt: Q9BRK3](#) Human

[SwissProt: Q5XI43](#) Rat

[Unigene: 515687](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.