

TMEM145 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09080
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TMEM145. AA range:58-107
Mol wt	55604
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	TMEM145 Antibody
Synonyms	TMEM145; Transmembrane protein 145

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

TMEM145 (transmembrane protein 145) is a 493 amino acid protein encoded by a gene mapping to human chromosome 19. Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fcα receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3.

Recommended Dilution

WB: 1: 500 - 1: 2000

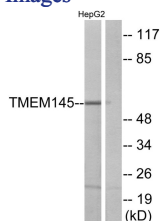
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

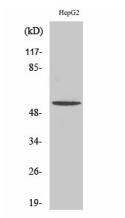
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HepG2 cells, using TMEM145 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using TMEM145 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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