Best Tools for immunology Research

TMEM145 Polyclonal Antibody

Catalog No :	YT4678
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	TMEM145
Gene Name :	TMEM145
Protein Name :	Transmembrane protein 145
Human Gene Id :	284339
Human Swiss Prot No :	Q8NBT3
Mouse Gene Id :	330485
Mouse Swiss Prot No :	Q8C4U2
Immunogen :	The antiserum was produced against synthesized peptide derived from human TMEM145. AA range:58-107
Specificity :	TMEM145 Polyclonal Antibody detects endogenous levels of TMEM145 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
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.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

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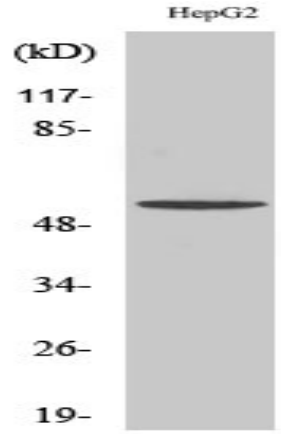
Observed Band : 56kD

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.

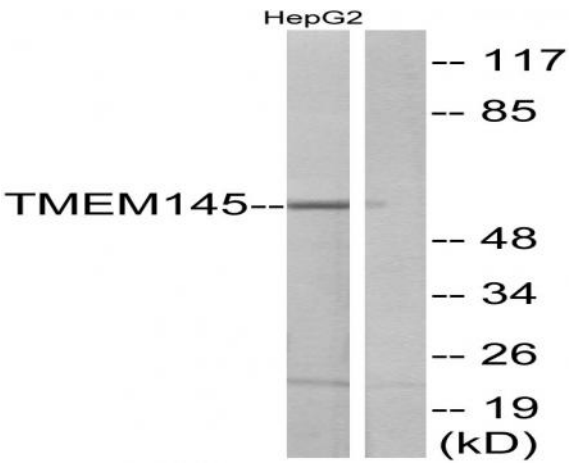
Subcellular Location : Membrane ; Multi-pass membrane protein .

Expression : Retinoblastoma,

Products Images



Western Blot analysis of various cells using TMEM145 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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