

**TMEM145 Polyclonal Antibody**

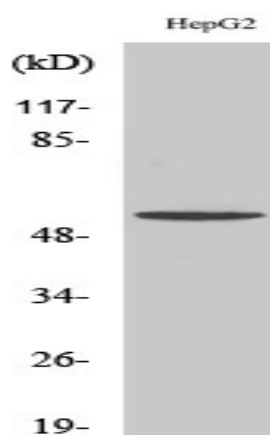
<b>Catalog No :</b>	YT4678
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	TMEM145
<b>Gene Name :</b>	TMEM145
<b>Protein Name :</b>	Transmembrane protein 145
<b>Human Gene Id :</b>	284339
<b>Human Swiss Prot No :</b>	Q8NBT3
<b>Mouse Gene Id :</b>	330485
<b>Mouse Swiss Prot No :</b>	Q8C4U2
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TMEM145. AA range:58-107
<b>Specificity :</b>	TMEM145 Polyclonal Antibody detects endogenous levels of TMEM145 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 56kD

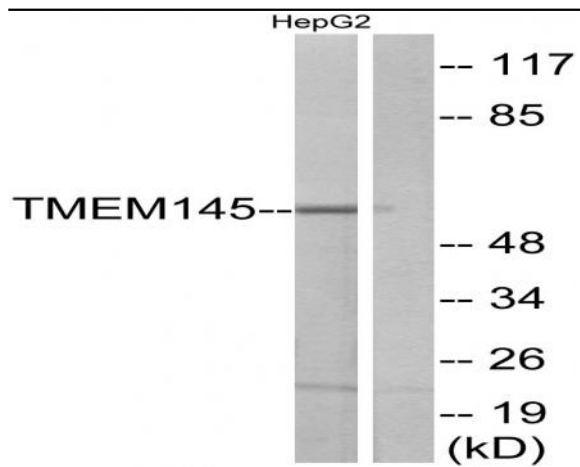
**Background :** TMEM145 (transmembrane protein 145) is a 493 amino acid protein encoded by a gene mapping to human chromosome 19. Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes 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 Fc $\alpha$  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,**Sort :** 17231**No4 :** 1**Host :** Rabbit**Modifications :** Unmodified

## 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.