



# Anti-TMIE (aa 79-140) polyclonal antibody (DPAB-DC1260)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a transmembrane inner ear protein. Studies in mouse suggest that this gene is required for normal postnatal maturation of sensory hair cells in the cochlea, including correct development of stereocilia bundles. This gene is one of multiple genes responsible for recessive non-syndromic deafness (DFNB), also known as autosomal recessive nonsyndromic hearing loss (ARNSHL), the most common form of congenitally acquired inherited hearing impairment.
<b>Immunogen</b>	TMIE (NP_671729, 79 a.a. ~ 140 a.a) partial recombinant protein with GST tag. The sequence is NCRVPRTRKEIEARYLQRKAAKMYTDKLETVPPLNELTEVPGEDKKKKKKKKDSVDTVAIKV
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TMIE transmembrane inner ear [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TMIE
<b>Synonyms</b>	TMIE; transmembrane inner ear; DFNB6; transmembrane inner ear expressed protein; transmembrane inner ear protein;
<b>Entrez Gene ID</b>	<a href="#">259236</a>
<b>Protein Refseq</b>	<a href="#">NP_671729</a>
<b>UniProt ID</b>	<a href="#">Q8NEW7</a>
<b>Chromosome Location</b>	3p21