



Anti-GJB7 (internal region) polyclonal antibody (DPAB-DC1768)

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

PRODUCT INFORMATION

Antigen Description	Connexins, such as GJB7, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasms of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits (Sohl et al., 2003 [PubMed 12881038]).[supplied by OMIM, Mar 2008]
Specificity	This antibody detects endogenous levels of total GJB7 protein.
Immunogen	A synthetic peptide corresponding to internal of human GJB7.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GJB7 gap junction protein, beta 7, 25kDa [Homo sapiens (human)]
Official Symbol	GJB7
Synonyms	GJB7; gap junction protein, beta 7, 25kDa; CX25; bA136M9.1; connexin25; gap junction beta-7 protein; connexin 25; connexin-25;
Entrez Gene ID	375519
Protein Refseq	NP_940970
UniProt ID	Q6PEY0
Chromosome Location	6q15
Pathway	Gap junction assembly; Gap junction trafficking and regulation; Membrane Trafficking;
