

Datasheet for ABIN2774873
anti-GJB4 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	GJB4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJB4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GJB4
Sequence:	CPSLLVVMHV AYREERERKH HLKHGPNAPS LYDNLSKKRG GLWWTYLLSL
Predicted Reactivity:	Cow: 92%, Dog: 92%, Horse: 100%, Human: 100%, Mouse: 86%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against GJB4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	GJB4
Alternative Name:	GJB4 (GJB4 Products)

Target Details

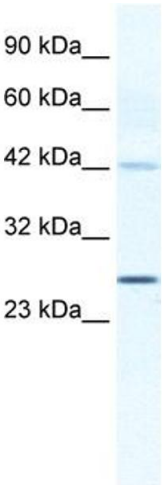
Background:	Connexins are homologous four-transmembrane-domain proteins and major components of gap junctions. The GJB4 gene encodes connexin 30.3 (Cx30.3) A mutation in connexin 30.3 is causally involved in erythrokeratoderma variabilis (EKV), a mostly autosomal dominant disorder of keratinization. Alias Symbols: EKV, CX30.3 Protein Interaction Partner: UBC, Protein Size: 266
Molecular Weight:	29 kDa
Gene ID:	127534
NCBI Accession:	NM_153212 , NP_694944
UniProt:	Q9NTQ9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 266 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-GJB4 Antibody Titration:
1.25ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat
cell lysate