

Datasheet for ABIN523124
anti-GNa14 antibody (AA 150-250)

4 Images

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Overview

Quantity:	100 µg
Target:	GNa14
Binding Specificity:	AA 150-250
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNa14 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant GNA14.
Immunogen:	GNA14 (AAH27886.1, 150 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SDSAKYLLTD IDRIATPSFV PTQQDVLRVR VPTTGII EYP FDLENIIFRM VDVGGQRSER RKWIHCFESV TSIIFLVALS EYDQVLAECD NENRMEESKA L
Clone:	2H8
Isotype:	IgG1
Specificity:	This antibody cross-reacts with human GNA11.
Cross-Reactivity:	Human
Cross-Reactivity (Details):	This antibody cross-reacts with human GNA11.

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target:	GNa14
Alternative Name:	GNA14 (GNa14 Products)
Background:	Full Gene Name: guanine nucleotide binding protein (G protein), alpha 14 Synonyms:
Gene ID:	9630
Pathways:	G-protein mediated Events

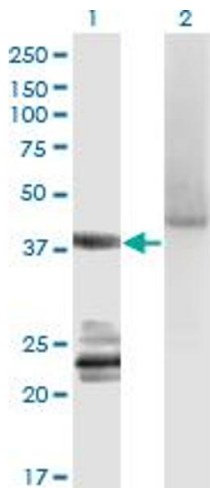
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

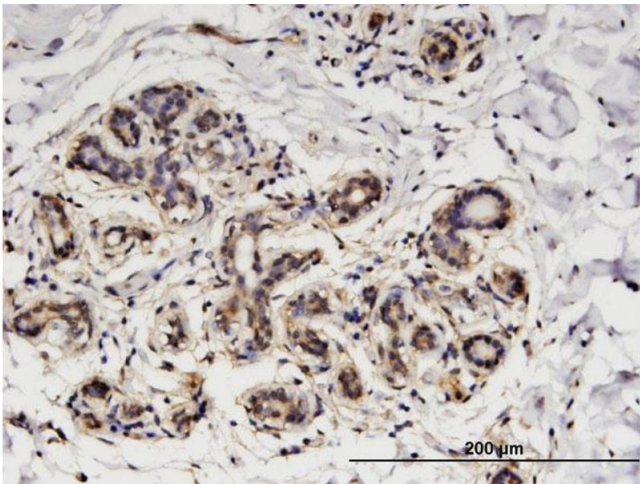


Western Blotting

Image 1. Western Blot analysis of GNA14 expression in transfected 293T cell line by GNA14 monoclonal antibody (M06), clone 2H8.

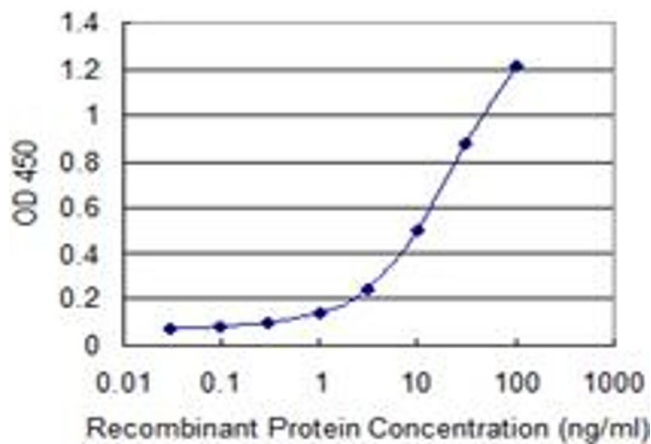
Lane 1: GNA14 transfected lysate(41.6 KDa).

Lane 2: Non-transfected lysate.



Immunostaining

Image 2. Immunoperoxidase of monoclonal antibody to GNA14 on formalin-fixed paraffin-embedded human breast. [antibody concentration 3 ug/ml]



ELISA

Image 3. Detection limit for recombinant GST tagged GNA14 is 0.3 ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN523124.