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Datasheet for ABIN515926

anti-GAP43 antibody (AA 1-238)

3 Images

Overview

Quantity:	100 µg
Target:	GAP43
Binding Specificity:	AA 1-238
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GAP43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant GAP43.
Immunogen:	GAP43 (AAH07936, 1 a.a. ~ 238 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MLCCMRRTKQ VEKNDQDKI EQDGKPEDK AHKAATKIQA SFRGHITRKK LKGEKDDVQ AAEAEANKKD EAPVADGVEK KEGTTTTAEA APATGSKPDE PGKAGETPSE EKKGEGDAAT EQAAPQAPAS SEEKAGSAET ESATKASTDN SPSSKAEDAP AKEEPKQADV PAAVTAATAAT TPAAEDAAK ATAQPPTETG ESSQAEENIE AVDETKPKES ARQDEGKEEE PEADQEHA
Clone:	3C11
Isotype:	IgG2a
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: GAP43

Alternative Name: GAP43 ([GAP43 Products](#))

Background: Full Gene Name: growth associated protein 43
Synonyms: B-50,PP46

Gene ID: 2596

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

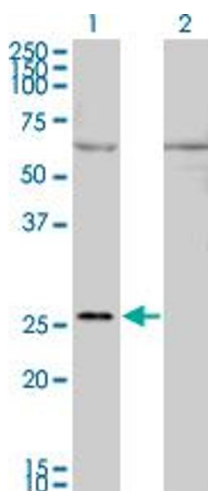
Buffer: In 1x PBS, pH 7.4

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

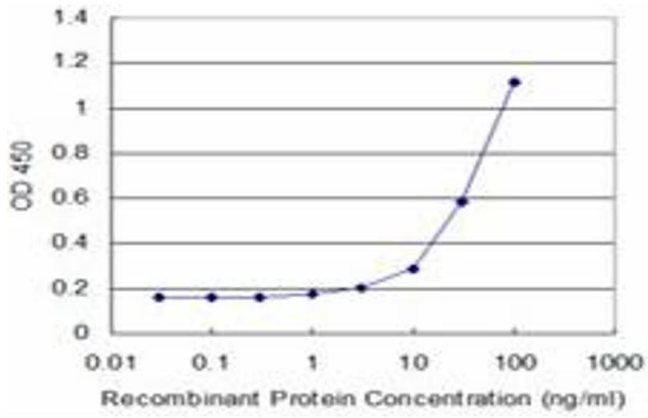


Western Blotting

Image 1. Western Blot analysis of GAP43 expression in transfected 293T cell line by GAP43 monoclonal antibody (M01), clone 3C11.

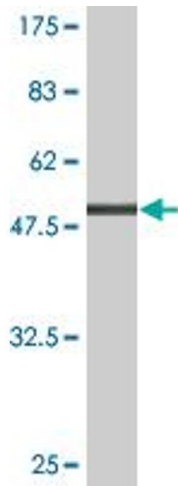
Lane 1: GAP43 transfected lysate(24.8 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged GAP43 is approximately 3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (51.92 kDa).