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Datasheet for ABIN565729

anti-GDAP1 antibody (AA 158-257)

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Overview

Quantity:	50 µL
Target:	GDAP1
Binding Specificity:	AA 158-257
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This GDAP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant GDAP1.
Immunogen:	GDAP1 (NP_061845, 158 a.a. ~ 257 a.a) partial recombinant protein with GST tag.
Sequence:	TRIRSQIGNT ESELKLAEE NPDLEAYIA KQKRLKSKLL DHDNVKYLKK ILDELEKVLDD QVETELQRRN EETPEEGQQP WLCGESFTLA DVSLAVTLHR
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	GDAP1
Alternative Name:	GDAP1 (GDAP1 Products)

Target Details

Background:	Full Gene Name: ganglioside-induced differentiation-associated protein 1 Synonyms:
Gene ID:	54332
NCBI Accession:	NM_018972

Application Details

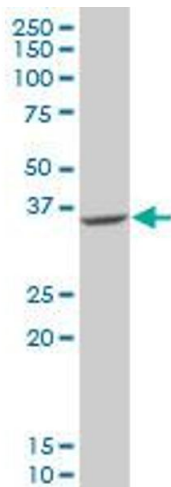
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	50 % glycerol
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.

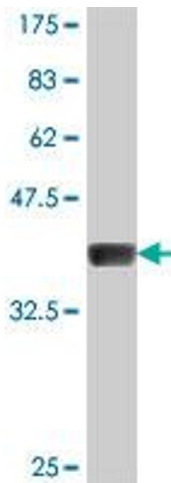
Publications

Product cited in:	<p>Pla-Martín, Rueda, Estela, Sánchez-Piris, González-Sánchez, Traba, de la Fuente, Scorrano, Renau-Piqueras, Alvarez, Satrústegui, Palau: "Silencing of the Charcot-Marie-Tooth disease-associated gene GDAP1 induces abnormal mitochondrial distribution and affects Ca²⁺ homeostasis by reducing store-operated Ca²⁺ entry." in: Neurobiology of disease, Vol. 55, pp. 140-51, (2013) (PubMed).</p> <p>Estela, Pla-Martín, Sánchez-Piris, Sesaki, Palau: "Charcot-Marie-Tooth-related gene GDAP1 complements cell cycle delay at G2/M phase in <i>Saccharomyces cerevisiae</i> fis1 gene-defective cells." in: The Journal of biological chemistry, Vol. 286, Issue 42, pp. 36777-86, (2011) (PubMed).</p> <p>Cassereau, Chevrollier, Gueguen, Malinge, Letournel, Nicolas, Richard, Ferre, Verny, Dubas, Procaccio, Amati-Bonneau, Bonneau, Reynier: "Mitochondrial complex I deficiency in GDAP1-related autosomal dominant Charcot-Marie-Tooth disease (CMT2K)." in: Neurogenetics, Vol. 10, Issue 2, pp. 145-50, (2009) (PubMed).</p>
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Western Blotting

Image 1. GDAP1 polyclonal antibody (A01), Lot # 060613JCS1 Western Blot analysis of GDAP1 expression in HepG2 .



Western Blotting

Image 2. Western Blot detection against Immunogen (37.11 kDa) .