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Datasheet for ABIN7091006
anti-CRY2 antibody

Overview

Quantity:	100 µL
Target:	CRY2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CRY2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human Cry2.
Clone:	Q3W3
Predicted Reactivity:	Human,Mouse

Target Details

Target:	CRY2
Alternative Name:	CRY2 (CRY2 Products)
Background:	<p>Synonyms: CRY2_HUMAN, cryptochrome 2 (photolyase like), Cryptochrome2, Cryptochrome 2, Cryptochrome-2, FLJ10332, growth inhibiting protein 37, HCRY2, KIAA0658, PHLL2, Photolyase like.</p> <p>Background: Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for</p>

Target Details

the nuclear envelope and may also interact with chromatin. Lamin A and C are present in equal amounts in the lamina of mammals. Play an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics.

Prelamin-A/C can accelerate smooth muscle cell senescence. It acts to disrupt mitosis and induce DNA damage in vascular smooth muscle cells (VSMCs), leading to mitotic failure, genomic instability, and premature senescence.

Gene ID: 1408

UniProt: [Q49AN0](#)

Pathways: [Response to Water Deprivation](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months