

Anti-p53R2 antibody ab8105

★★★★★ [2 Abreviews](#) [27 References](#) [画像数 1](#)

製品の概要

製品名	Anti-p53R2 antibody
製品の詳細	Rabbit polyclonal to p53R2
由来種	Rabbit
アプリケーション	適用あり: WB, ICC, ICC/IF, IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide: GDPERPEAAGLDQDER , corresponding to amino acids 2-17 of Human p53R2. Run BLAST with Run BLAST with

特記事項

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide
精製度	Affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab8105の使用に適用されます

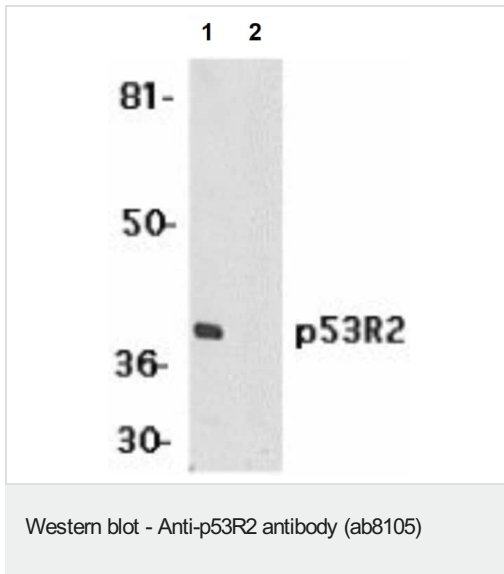
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 39 kDa (predicted molecular weight: 41 kDa).
ICC		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration. PubMed: 18997010
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Plays a pivotal role in cell survival by repairing damaged DNA in a p53/TP53-dependent manner. Supplies deoxyribonucleotides for DNA repair in cells arrested at G1 or G2. Contains an iron-tyrosyl free radical center required for catalysis. Forms an active ribonucleotide reductase (RNR) complex with RRM1 which is expressed both in resting and proliferating cells in response to DNA damage.
組織特異性	Widely expressed at a high level in skeletal muscle and at a weak level in thymus. Expressed in epithelial dysplasias and squamous cell carcinoma.
パスウェイ	Genetic information processing; DNA replication.
関連疾患	<p>Defects in RRM2B are the cause of mitochondrial DNA depletion syndrome type 8A (MTDPS8A) [MIM:612075]. A disorder due to mitochondrial dysfunction characterized by various combinations of neonatal hypotonia, neurological deterioration, respiratory distress, lactic acidosis, and renal tubulopathy.</p> <p>Defects in RRM2B are the cause of mitochondrial DNA depletion syndrome type 8B (MTDPS8B) [MIM:612075]. A disease due to mitochondrial dysfunction and characterized by ophthalmoplegia, ptosis, gastrointestinal dysmotility, cachexia, peripheral neuropathy.</p> <p>Defects in RRM2B are the cause of progressive external ophthalmoplegia with mitochondrial DNA deletions autosomal dominant type 5 (PEOA5) [MIM:613077]. A disorder characterized by progressive weakness of ocular muscles and levator muscle of the upper eyelid. In a minority of cases, it is associated with skeletal myopathy, which predominantly involves axial or proximal muscles and which causes abnormal fatigability and even permanent muscle weakness. Ragged-red fibers and atrophy are found on muscle biopsy. A large proportion of chronic ophthalmoplegias are associated with other symptoms, leading to a multisystemic pattern of this disease. Additional symptoms are variable, and may include cataracts, hearing loss, sensory axonal neuropathy, ataxia, depression, hypogonadism, and parkinsonism.</p>
配列類似性	Belongs to the ribonucleoside diphosphate reductase small chain family.
細胞内局在	Cytoplasm. Nucleus. Translocates from cytoplasm to nucleus in response to DNA damage.

画像



All lanes : Anti-p53R2 antibody (ab8105) at 1 µg/ml

Lane 1 : 3T3 cell lysate with absence of blocking peptide

Lane 2 : 3T3 cell lysate with presence of blocking peptide

Predicted band size: 41 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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