

Datasheet for 200-401-AX6**DR6 Antibody****Overview**

Description:	Anti-DR6 (RABBIT) Antibody - 200-401-AX6
Item No.:	200-401-AX6
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain containing receptors, TNF-R1 and Fas. Several novel death receptors including DR3, DR4, and DR5 were recently identified. A new death domain containing receptor in the TNFR family was cloned recently and termed DR6 for death receptor-6. Like TNF-R1, DR6 interacts with death domain containing adapter molecule TRADD. Overexpression of DR6 induces apoptosis and activates NF-kB and JNK. DR6 is widely expressed in human tissues and cell lines. The ligand for DR6 has not been identified.
Synonyms:	DR6 Antibody, DR6, CD358, BM-018, DR6, UNQ437/PRO868, Tumor necrosis factor receptor superfamily member 21, Death receptor 6
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TNFRSF21
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-DR6 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid peptide near the N-terminus of human DR6.

Purity/Specificity: Anti-DR6 Antibody is purified by DEAE purification methods. Cross reactivity with DR6 from other sources has not been determined.

Relevant Links:

- [UniProtKB - O75509](#)
- [GeneID - 27242](#)
- [NCBI - AF068868](#)

Application Details

Tested Applications: ELISA, WB

Application Note: Anti-DR6 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 72 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:5,000

WB: 1:500

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

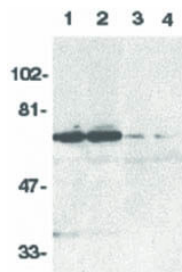
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of DR6 antibody. Lane 1: K562 whole cell lysate. Lane 2: Raji whole cell lysate. Lane 3: K562 whole cell lysate in the presence of blocking peptide. Lane 4: Raji whole cell lysate in the presence of blocking peptide. Load: 35 µg per lane. Primary antibody: DR6 antibody at 1:500 for overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 71.8 kDa, 70 kDa for DR6. Other band(s): DR6 splice variants and isoforms.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.