

## Apolipoprotein D antibody [HL4532]

Cat. No. GTX644200

|              |                   |
|--------------|-------------------|
| Host         | Rabbit            |
| Clonality    | Monoclonal        |
| Isotype      | IgG               |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity   | Human             |

Package  
100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |

Not tested in other applications.

Observed MW (kDa) 21-28 kDa.

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS                                                                                                                                                                                                                        |
| Preservative  | No preservatives                                                                                                                                                                                                           |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| Immunogen     | Recombinant fragment of human Apolipoprotein D.                                                                                                                                                                            |
| Purification  | Affinity purified by Protein A.                                                                                                                                                                                            |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

## Note

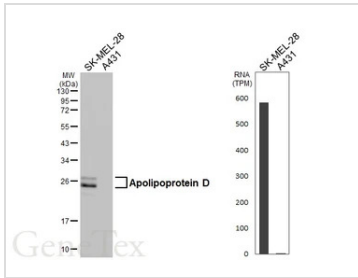
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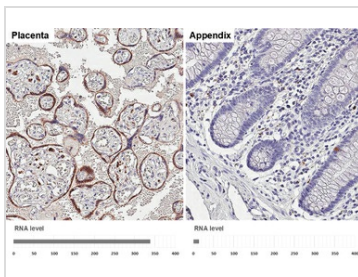


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**DATA IMAGES**

**GTX644200 WB Image**

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Apolipoprotein D antibody [HL4532] (GTX644200) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.

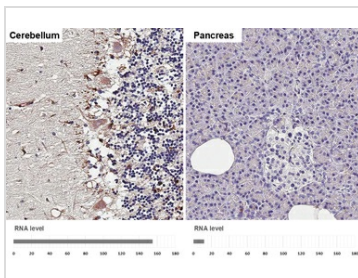

**GTX644200 IHC-P Image**

Apolipoprotein D antibody [HL4532] detects Apolipoprotein D protein by immunohistochemical analysis. Sample: Paraffin-embedded human tissues.

Apolipoprotein D stained by Apolipoprotein D antibody [HL4532] (GTX644200) diluted at 1:4000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (nTPM) in the tissues are based on Human Protein Atlas program.

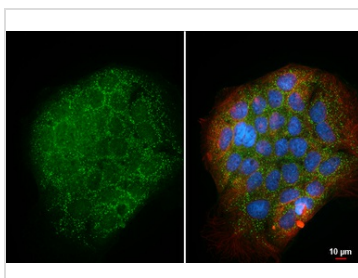

**GTX644200 IHC-P Image**

Apolipoprotein D antibody [HL4532] detects Apolipoprotein D protein by immunohistochemical analysis. Sample: Paraffin-embedded human tissues.

Apolipoprotein D stained by Apolipoprotein D antibody [HL4532] (GTX644200) diluted at 1:4000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.


**GTX644200 ICC/IF Image**

Apolipoprotein D antibody [HL4532] detects Apolipoprotein D protein by immunofluorescent analysis. Sample: Caco-2 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Apolipoprotein D stained by Apolipoprotein D antibody [HL4532] (GTX644200) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



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