

# Product Datasheet

## ESD Antibody NBP2-16374

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-16374****ESD Antibody****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol
<b>Target Molecular Weight</b>	32 kDa

**Product Description**

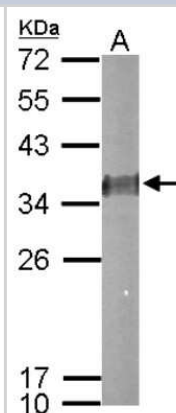
<b>Host</b>	Rabbit
<b>Gene ID</b>	2098
<b>Gene Symbol</b>	ESD
<b>Species</b>	Human, Mouse, Rat, Zebrafish
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: <i>Xenopus laevis</i> (82%), Zebrafish (83%), Bovine (89%), <i>Xenopus tropicalis</i> (83%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human ESD. The exact sequence is proprietary.

**Product Application Details**

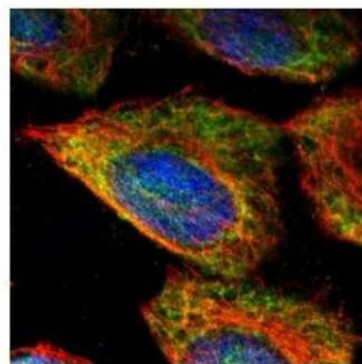
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

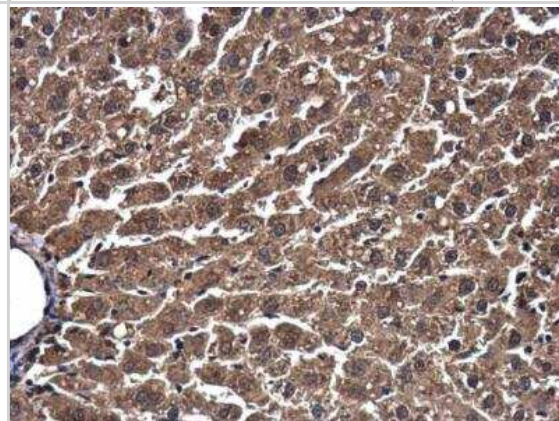
Western Blot: ESD Antibody [NBP2-16374] - Sample (50 ug of whole cell lysate) A: Mouse Brain, 12% SDS PAGE gel, diluted at 1:1000.



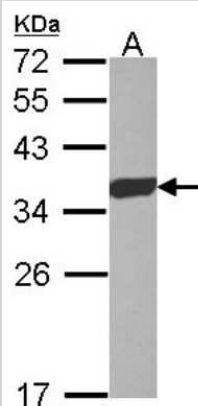
Immunocytochemistry/Immunofluorescence: ESD Antibody [NBP2-16374] - Confocal immunofluorescence analysis of methanol-fixed A431, using ESD antibody (Green) at 1:500 dilution. Alpha-tubulin filaments are labeled with Alpha-tubulin antibody (Red) at 1:500.



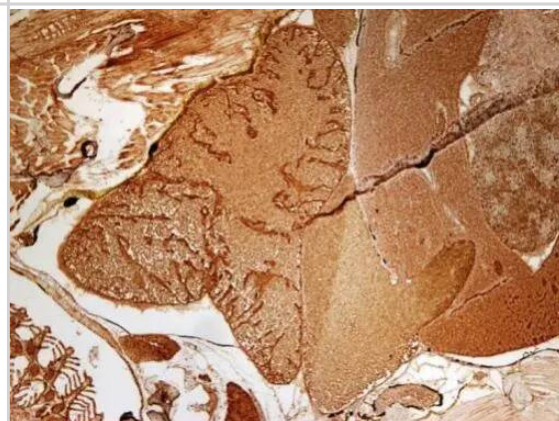
Immunohistochemistry-Paraffin: ESD Antibody [NBP2-16374] - ESD antibody detects ESD protein at cytoplasm in rat liver by immunohistochemical analysis. Sample: Paraffin-embedded rat liver. ESD antibody diluted at 1:500.



Western Blot: ESD Antibody [NBP2-16374] - Sample (30 ug of whole cell lysate) A: JurKat 12% SDS PAGE gel, diluted at 1:1000.



Immunohistochemistry: ESD Antibody [NBP2-16374] - Immunohistochemical analysis of paraffin-embedded zebrafish tissue, using ESD antibody (NBP2-16374) at 1:300 dilution.

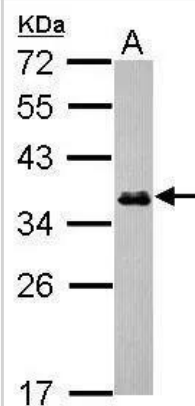


Western Blot: ESD Antibody [NBP2-16374] - Sample (30 ug of whole cell lysate)

A: whole zebrafish

12% SDS PAGE

NBP2-16374 diluted at 1:1000





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### **Products Related to NBP2-16374**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-30238	Recombinant Human ESD His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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