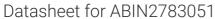
antibodies -online.com





anti-SETD2 antibody (N-Term)





Publication



Go to Product page

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|---------|---|---|----|----|---------------|---|---|
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| Quantity: | 100 μL | |
|----------------------|---|--|
| Target: | SETD2 | |
| Binding Specificity: | N-Term | |
| Reactivity: | Human, Mouse, Rat, Dog, Horse, Cow | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This SETD2 antibody is un-conjugated | |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) | |

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human SETD2 |
|-----------------------|--|
| Sequence: | SDEDSVRTSS SQRSHDLKFS ASIEKERDFK KSSAPLKSED LGKPSRSKTD |
| Cross-Reactivity: | Dog (Canine), Human, Rat (Rattus) |
| Predicted Reactivity: | Cow: 79%, Dog: 86%, Horse: 86%, Human: 100%, Mouse: 83%, Rat: 85% |
| Characteristics: | This is a rabbit polyclonal antibody against SETD2. It was validated on Western Blot and immunohistochemistry. |
| Purification: | Protein A purified |

Target Details

Target: SETD2

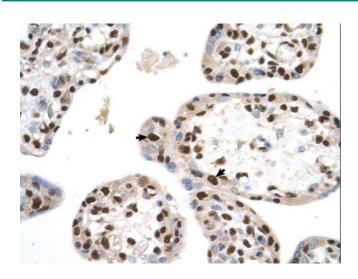
Target Details

| rarget Details | |
|---------------------|--|
| Alternative Name: | SETD2 / HIF1 (SETD2 Products) |
| Background: | Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal |
| | neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. |
| | SETD2 is a protein belonging to a class of huntingtin interacting proteins characterized by WW motifs. |
| | Alias Symbols: FLJ16420, FLJ22472, FLJ23184, FLJ45883, HIF-1, HSPC069, HYPB, KIAA1732, |
| | KMT3A, SET2, HIP-1, HBP231, p231HBP |
| | Protein Interaction Partner: CLK2, SOX2, CBX8, HCVgp1, SIAH2, SMAD3, CIC, ATXN1, ELAVL1, |
| | UBC, SETD2, HIST1H3A, POLR2A, TP53, IWS1, HTT, |
| | Protein Size: 891 |
| Molecular Weight: | 97 kDa |
| Gene ID: | 29072 |
| NCBI Accession: | NM_014159 |
| UniProt: | Q9BYW2 |
| Pathways: | Tube Formation |
| Application Details | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 891 AA |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % |
| | sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| | should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| | |

Handling

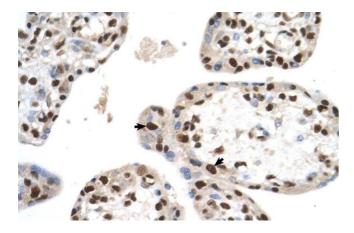
| Storage: | -20 °C |
|-------------------|--|
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Publications | |
| Product cited in: | Podbielski, Rodriguez, Zhu, Worley, Fontaine, Connolly: "Aortoesophageal fistula secondary to reflux esophagitis." in: Digestive surgery , Vol. 24, Issue 1, pp. 66-7, (2007) (PubMed). |

Images



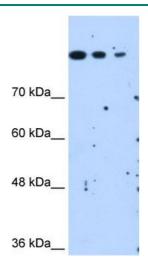
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. SETD2 antibody - N-terminal region validated by IHC using Human Placenta lysate at 4.0-8.0.



Western Blotting

Image 3. Human HepG2 cells SETD2 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells