

SOX9 Polyclonal Antibody

| Product Details | |
|--------------------|--|
| Size | 50 µg |
| Species Reactivity | Amphibian, Bovine, Chicken, Human, Mouse |
| Host/Isotope | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | synthetic peptide KYQPRRRKSVKNG, corresponding to amino acids 173 - 185 of Human / Mouse / Bovine SOX 9. |
| Form | Liquid |
| Concentration | 0.2 mg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | PBS with 0.1% BSA |
| Contains | 0.05% sodium azide |
| Storage Conditions | 4° C, do not freeze |
| RRID | AB_2239955 |

| Applications | Tested | Dilution | Published |
|----------------------------|--------|-------------|-----------|
| Immunohistochemistry (IHC) | ✓ | 5-20 µg/mL | |
| Western Blot (WB) | ✓ | 0.5-2 µg/mL | |

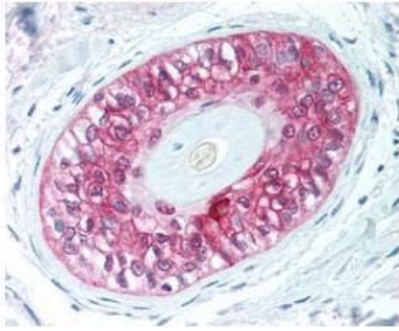
Product Specific Information

PA1-29537 detects SOX9 from mouse, bovine, human samples.

PA1-29537 has been successfully used in Western blot applications.

The PA1-29537 immunogen is: Synthetic peptide: KYQPRRRKSVKNG, corresponding to amino acids 173 - 185 of Human / Mouse / Bovine SOX 9.

Product Images For SOX9 Polyclonal Antibody

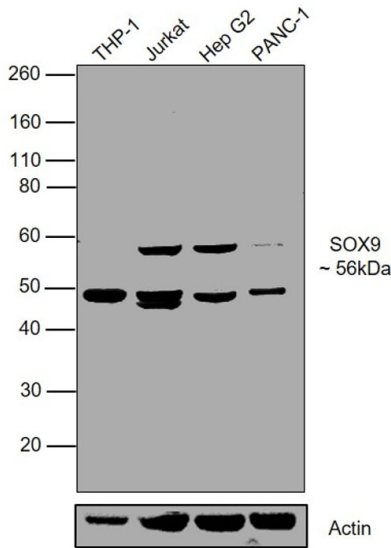


SOX9 Antibody (PA1-29537) in IHC

Immunohistochemical analysis of SOX9 using a SOX9 polyclonal antibody (Product # PA1-29537). Localization of antibody is seen as the precipitated red signal with a hematoxylin purple nuclear counterstain in the human skin hair follicle.

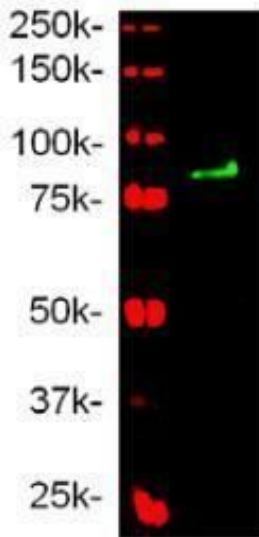
SOX9 Antibody (PA1-29537) in WB

Western blot was performed using Anti-SOX9 Polyclonal Antibody (Product # PA1-29537) and a 56kDa band corresponding to SOX9 was observed in all the tested cell models, except THP-1 along with an uncharacterized band at ~50 kDa. Modified whole cell lysate (1% SDS) (30ug lysate) of THP-1 (Lane 1), Jurkat (Lane 2), Hep G2 (Lane 3) and PANC-1 (Lane 4) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1µg/ml concentration) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



SOX9 Antibody (PA1-29537) in WB

Western blot analysis of SOX9 in Lovo cell lysate using a SOX9 polyclonal antibody (Product # PA1-29537).



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