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## Product Datasheet

### 5 Lipoxygenase/ALOX5 Antibody (orb234258)

**Description**

5 Lipoxygenase/ALOX5 Antibody

**Species/Host**

Rabbit

**Reactivity**

Human, Mouse, Rat

**Conjugation**

Unconjugated

**Tested**

IHC, WB

**Applications**
**Immunogen**

E.coli-derived human ALOX5 recombinant protein (Position: A120-R483). Human ALOX5 shares 94% amino acid (aa) sequence identity with both mouse and rat ALOX5.

**Form/Appearance**

Lyophilized

**Concentration**

Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

**Storage**

Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

**Note**

For research use only

**Application notes**

WB: The detection limit for ALOX5 is approximately 0.25ng/lane under reducing conditions. Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users. . Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Isotype**

Rabbit IgG

**Clonality**

Polyclonal

**MW**

77983 MW

**Uniprot ID**
**P09917**
**Expiration Date**

12 months from date of receipt.

130KD —

100KD —

70KD —

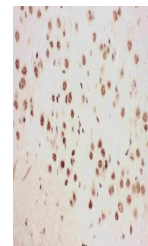
55KD —

35KD —

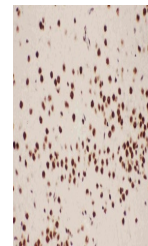
25KD —

15KD —

WB analysis of SGC Cell using Anti-ALOX5...



IHC(P) analysis of Mouse Brain Tissue us...



IHC(P) analysis of Rat Brain Tissue usin...