

tf.keras.backend.stop_gradient

```
stop_gradient(variables)
```

Defined in [tensorflow/python/keras/_impl/keras/backend.py](#).

Returns **variables** but with zero gradient w.r.t. every other variable.

Arguments:

- **variables**: Tensor or list of tensors to consider constant with respect to any other variable.

Returns:

A single tensor or a list of tensors (depending on the passed argument) that has no gradient with respect to any other variable.

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

Stay Connected

[Blog](#)[GitHub](#)[Twitter](#)

Support

[Issue Tracker](#)[Release Notes](#)[Stack Overflow](#)[English](#)[Terms](#) | [Privacy](#)